

LEARN HOW TO USE YOUR

STYLISTIC® CT2000 SERIES

CE TABLET



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Warning



Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm.

Wash hands after handling.

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FPC58-1078-04



DECLARATION OF CONFORMITY according to FCC Part 15

Responsible Party Name: Fujitsu Computer Systems Corporation

Address: 1250 E. Arques Avenue, MS 122,

Sunnyvale, CA 94085

Telephone: 408-746-6000

Declares that product: Model Series: Stylistic® CT2000 Series CE Tablet

Complies with Part 15 of the FCC Rules

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and, (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTICE

Changes or modifications not expressly approved by Fujitsu could void this user's authority to operate the equipment.

FCC NOTICES

Notice to Users of Radios and Television

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet that is on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interconnect cables must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device.

DOC (INDUSTRY CANADA) NOTICES Notice to Users of Radios and Television

This Class B digital apparatus meets all requirements of Canadian Interference-Causing Equipment Regulations.

CET appareil numérique de la class B respecte toutes les exigence du Réglement sur le matérial brouilleur du Canada.

IMPORTANT SAFETY INSTRUCTIONS

- This product requires an AC adapter to operate. Use only a UL Listed I.T.E. AC Adapter with an output rating of 12V DC, and a current of 2.5A.
- AC adapter output polarity:



- When using your notebook equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:
 - Do not use this product near water for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
 - Avoid using a modem during an electrical storm. There may be a remote risk of electric shock from lightning.
 - Do not use the modem to report a gas leak in the vicinity of the leak.
 - Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

For Authorized Repair Technicians Only



Danger of explosion if Lithium (clock) battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instruction.



For continued protection against risk of fire, replace only with the same type and rating fuse.

System Disposal



LAMP(S) INSIDE THIS PRODUCT **CONTAIN MERCURY AND MUST** BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE, OR FEDERAL LAWS.

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Preface

Preface

ABOUT THIS GUIDE

The Stylistic[®] CT2000 Series CE Tablet is a versatile, pen-based computer that has been designed to run the Microsoft[®]Windows[®] CE .NET, v4.2 operating system.

This manual explains how to operate your Fujitsu Stylistic CT2000 Series CE Tablet's hardware and built-in system software.

The Stylistic CT2000 Series CE Tablet is a completely self-contained unit with an active-matrix (TFT) color LCD display and a passive digitizer. It has a powerful interface that enables it to support a variety of optional features. The system employs "palm-rejection" technology that lets it distinguish between the pressure of a pen tip and that of your hand. This means you can safely rest your hand on the screen in a natural writing position without the risk of the system interpreting the pressure as that of the pen. (Always use care, however, when resting your hand on the screen. If you press a knuckle on the screen, it may be interpreted as pen pressure.)

Conventions Used in the Guide

Keyboard keys appear in brackets. Example: [Fn], [F1], [ESC], [ENTER] and [CTRL].

Pages with additional information about a specific topic are cross-referenced within the text.

Example: (See page xx.)

On screen buttons or menu items appear in bold Example: Click **OK** to restart your system.



The information icon highlights information that will enhance your understanding of the subject material.



The caution icon highlights information that is important to the safe operation of your computer, or to the integrity of your files. Please read all caution information carefully.



The warning icon highlights information that can be hazardous to either you, your computer, or your files. Please read all warning information carefully.

FUJITSU CONTACT INFORMATION

Service and Support

You can contact Fujitsu Service and Support in the following ways:

- Toll free: 1-800-8Fujitsu (1-800-838-5487)
- Fax: 408-764-2724
- E-mail: 8fujitsu@us.fujitsu.com
- Web site: us.fujitsu.com/computers

Before you place the call, you should have the following information ready so the customer support representative can provide you with the fastest possible solution:

- Product name
- Product configuration number
- Product serial number
- Purchase date
- Conditions under which the problem occurred
- Any error messages that have occurred
- Type of device connected, if any

Fujitsu Online

You can go directly to the online Fujitsu product catalog for your system by going to the Fujitsu Web site at: us.fujitsu.com/computers.



You must have an active internet connection to use the online URL links.

WARRANTY INFORMATION

Your Stylistic CT2000 Series CE Tablet is backed by a limited warranty. Check the service kit that came with your system for warranty terms and conditions.

1 Getti

Getting Started with Your Stylistic CT2000 Series CE Tablet

Getting Started with Your Stylistic CT2000 Series CE Tablet

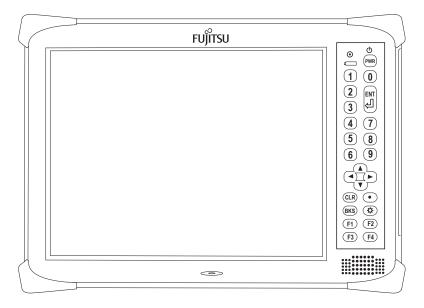


Figure 1-1. Stylistic CT2000 Series CE Tablet

The Stylistic[®] CT2000 Series CE Tablet is a versatile, pen-based computer that has been designed to run the Microsoft[®]Windows[®] CE .NET V4.2 operating system. This chapter provides an overview of the Stylistic CT2000 Series CE Tablet and its features.

IN-BOX ITEMS FOR THE STYLISTIC CT2000 SERIES CE TABLET

Verify that the following items are included in the box with your Stylistic CT2000 Series CE Tablet:

- Stylistic CT2000 Series pen
- · Main battery
- · Power cord
- · AC adapter
- · Hand strap
- Adhesive "H" tabs (quantity 2). (See Installing CF Cards on page 19 for more information.)

OPTIONAL ACCESSORIES

The following optional accessories can be used with the Stylistic CT2000 Series CE Tablet. For part numbers and ordering information, go to the Fujitsu Web site at: us.fujitsu.com/computers; the list is updated frequently.

Refer to the instructions provided with these accessories for details on their use.

Docking Options

- Stylistic CT2000 Cradle
- Folding Desk Stand

Power Options

- AC Adapter (with US Cord)
- Auto Adapter
- Additional Main Battery

Compact Flash (CF) Add-ons

- CF Modem Card
- PC-to-CF Card Adapter

Carrying Cases/Accessories

- Bump Case
- Harsh Environment Case (HEC)

Additional Accessories

- Mobile USB Keyboard
- Screen Protectors
- Stylus Pen (5-pack)

STYLISTIC CT2000 SERIES CE TABLET FEATURES

Features and controls that you use to operate the Stylistic CT2000 Series CE Tablet are outlined below and illustrated in Figures 1-2 through 1-8. Details on using these features and controls are provided later in this manual.

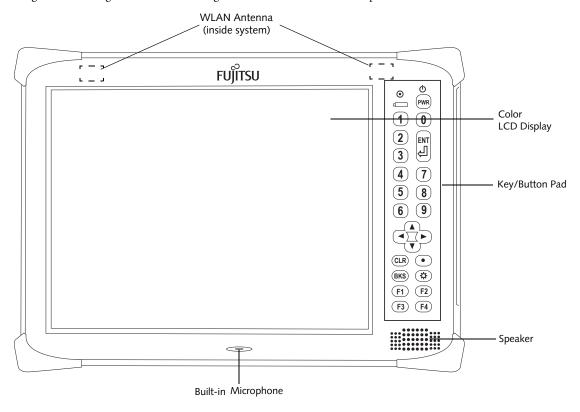


Figure 1-2. Stylistic CT2000 Series CE Tablet Features (Front View)

Front Features:

- WLAN Antenna: Diversity antenna located within the system chassis.
- Color LCD Display: Provides viewing area.
- **Key/Button Pad:** Provides several functions for the system, including a power button, keypad, navigation keys, and function keys. For detailed information, see "Key/Button Pad" on page 12.
- Speaker: Allows you to listen to audio files in mono.
- Built-in Microphone: The built-in microphone allows you to input mono audio.



There is no microphone application installed in the system; the built-in microphone supports third-party applications that employ a built-in microphone.)

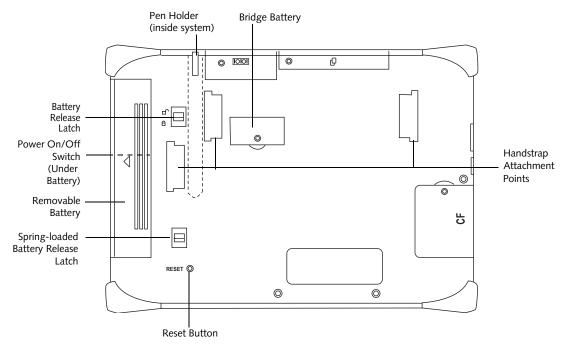


Figure 1-3. Stylistic CT2000 Series CE Tablet Features (Back View)

Back Features:

- Removable battery: Can be removed and replaced with a charged battery. (See Removing a Battery Pack on page 18 for more information.)
- Battery release latches: Used to release the removable battery.



Note that the lower battery release latch is spring loaded, but the upper latch must be locked manually. If you do not manually lock the battery, the system will not recognize the battery and the system will not turn on. (See Installing a Battery Pack on page 18 for more information.)

- Bridge battery cover: Removable cover over the bridge (or "backup") battery. (See Operation of the Bridge Battery on page 19 for more information.)
- Power On/Off Switch: Located underneath the battery, this switch is used for powering on or off the system. This switch is typically not used.

• Use the Power ON/Off switch to shut off the system only if you have no alternative.



- If the system is shut down using the Power On/Off switch, data and programs that are stored in RAM will be lost. If you can, you may want to back up the data in RAM to an external flash memory card or to the FlashDisk store in the system prior to shutting down.
- Reset button: This recessed button is used for doing a warm reset of the system.
- Handstrap attachment points: These are used for attaching the handstrap to the back of your system. (See Installing a Handstrap on page 20 for more information.)



Figure 1-4. Stylistic CT2000 Series CE Tablet Features (Top Side View)

Top Side Features:



The ports and connectors on the sides of the tablet are protected by covers. Some of the covers are secured with small Philips screws; the others are protected by rubber flaps. If you remove a cover that is secured with a screw, retain the cover and hardware in a safe place for later reinstallation.

- Pen: The main input device that you use to execute programs and enter data. A pen holder is built into the tablet to store the pen when not in use.
- Barcode Scanner Port: Allows you to connect a serial device when using an adapter. Note that this is not a standard RS-232 connector, and must be used with a device that has a compatible connector. This allows you to use the system with devices such as barcode scanners.
- PC Card slot: Allows you to install a Type I or Type II PCMCIA Card in the system.

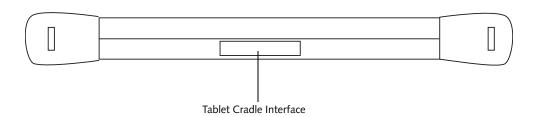


Figure 1-5. Stylistic CT2000 Series CE Tablet (Bottom Side View)

Bottom Side Features:

 Tablet Cradle Interface: Twenty-two pin connector for docking the tablet with the optional tablet cradle. Note that a cradle is required in order to synchronize your tablet with another computer with ActiveSync.

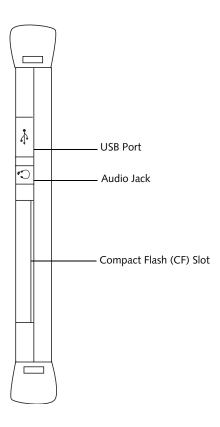


Figure 1-6. Left Side View

Left-Side Features:

 USB port: Allows you to connect Universal Serial Bus devices (USB Standard Revision 1.1) to the tablet.
 Additional USB ports are located on the optional tablet cradle.



Note that due to power constraints, there is a possibility that certain USB 1.1 devices will not operate properly with this port. If your device has its own power adapter, it is recommended that you use it.

- Audio Jack: The 2.5mm audio jack allows you to connect an external combination headphone/ microphone. Note that a typical 3.5 mm audio plug will not fit because this jack is specifically designed for a telephone headphone/microphone hands-free set.
- Compact Flash (CF) Slot: Allows you to insert a Compact Flash card.



The CF card slot does not have an eject button, so be sure to only use cards that are long enough to extend from the CF card slot or to use an adhesive "H" tab included with the system. (See Compact Flash Slot on page 19 for more information.)

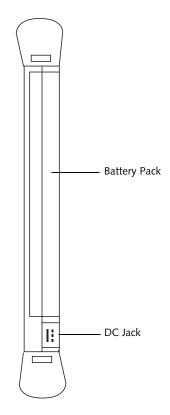


Figure 1-7. Right Side View

Right-Side Features:

- Battery Pack: The battery pack can be removed for replacement.
- DC Jack: Allows you to connect the AC Adapter to power the system and charge the battery. (See Charging the Battery Pack on page 18 for more information.)

KEY/BUTTON PAD

The Stylistic CT2000 Series CE Tablet has a handy key/ button pad that can be used for performing a variety of functions. Reference Figure 1-8. for the location of the various indicators, keys, and buttons; reference Table 1-1. and Table 1-2. for a description of each item.

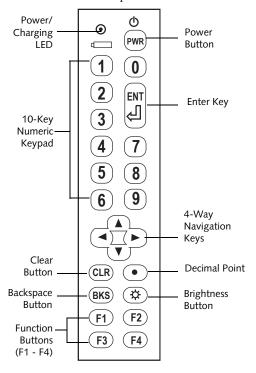


Figure 1-8. Key/Button Pad

Power/Charging LED - Battery Power		
System State	LED State	
Going into Suspend	Green while the power button is pressed, then the system suspends.	
Resuming from Suspend	Green, continuous while Power button depressed, then system resumes	
Booting up	Green, continuous until boot complete	
Battery Fault	Red, continuous	
Off	The LED is off.	
Power/Charging LED - AC Power		
On, charging	Off	
On, fully charged	Off	
Off, charging	Green, continuous	
Off, fully charged	Off	
Battery error	Red, continuous	
Charging error	Red, blinking	

Table 1-1. Power/Charging LED

Keys/Buttons			
Name	Function	Remarks	
Power Button	Puts the system into suspend mode, and wakes it up.	System never goes into a true power-off state unless the power on/off switch is used (Figure 1-3.). By suspending the system, it remains ready for "instant on".	
10-Key Numeric Keypad	Acts like a standard 10-key numeric keypad for doing calculations. For use in an opereditor, such as WordPad.		
Enter Key	Acts like an Enter key on a keyboard.		
Clear Button	Acts like a full- screen eraser when you are entering data with Transcriber.		
4-Way Navigation Keys	Allow you to move the cursor up or down and left or right.		
Decimal Point	Used in conjunction with the numeric keypad		
Backspace Button	Acts like the Backspace key on a keyboard.		
Brightness Buttons	Allows you to adjust the brightness of the display. Cycles through four levels.		
Function Buttons	Enables quick- launch of the assigned applications.	The function buttons are pre-programmed to launch certain applications. Refer to "Programming the Function Buttons" on page 17 for the assigned defaults.	

Table 1-2. Keys and Buttons

FUNCTION BUTTONS

The four function buttons are located on bottom of the key/button pad (See Figure 1-8.).

For details on using and programming the function buttons, refer to "Programming the Function Buttons" on page 17.

CONNECTORS, BUTTONS, AND PERIPHERAL INTERFACES

Connectors and peripheral interfaces on the Stylistic CT2000 Series CE Tablet allow the connection of a variety of devices. Specific locations are illustrated in Figures 1-2 through 1-5.

Table 1-3 provides a description of each peripheral connector and buttons on the Stylistic CT2000 Series CE Tablet. Each of the illustrated icons is either molded into or printed on the tablet chassis.

Connector/ Peripheral	Tablet Icon	Purpose
DC input connector		Connect the AC adapter to power the system and charge the battery.
USB Port	•	Connect Universal Serial Bus 1.1 devices to the Stylistic CT2000 Series CE Tablet.
		(Note that due to power constraints, there is a possibility that certain USB 1.1 devices will not operate properly with this port. If your device has its own power adapter, it is recommended that you use it.)
PCMCIA Card slot	Q	Install a Type I or Type II PC Card.
Audio jack	$\hat{\Omega}$	Connect an external combination 2.5 mm microphone/headphone. Note that a typical 3.5 mm audio plug will not fit this jack because it is specifically designed for a telephone headphone/microphone handsfree set.
Barcode Scanner Port	IOIOI	Connect a device such as a bar code scanner. Note that this is a specialized unit, and does not use a standard RS-232 port.
Cradle Interface Port	No icon	Connect the Stylistic CT2000 Series CE Cradle or other approved docking device. Refer to documentation accompanying the docking device for more information.
Power button	(h	The Power button allows you to suspend tablet activity and resume your tablet from suspend mode.
Battery Release Lock/Latch		The battery release lock/latch allows you to remove the battery from your system for external charging, storage, or replacement, and to lock it into place when installed.
Reset Button	RESET	The recessed Reset button allows you to perform a warm boot of the system.

Table 1-3. Peripheral Connectors/Interfaces

2 Using Your Stylistic CT2000 Series CE Tablet

Using the Stylistic CT2000 Series CE Tablet

This chapter covers the fundamental concepts, basic system operation and use, and system functions of the Stylistic CT2000 Series CE Tablet. You should familiarize yourself with this information before you attempt to operate the system.

BEFORE SETTING UP THE TABLET

Before you set up your tablet, there are two important steps to perform:

- The display can be damaged with improper use. We highly recommend that you install a screen protector on your system. Screen protectors are available as optional accessories for your tablet. (For part numbers and ordering information, go to the Fujitsu Web site at: us.fujitsu.com/computers.) To install a screen protector, refer to "Protecting the Display" on page 33.
- The system should be charged for a full 24 hours prior to first using it. The 24-hour period ensures that the main and backup batteries are fully charged.

POWERING UP THE TABLET

Follow the procedure below to start the Stylistic CT2000 Series CE Tablet if it is in the Off state. When you first receive your system, it may or may not be in the Off state. Under normal circumstances, the system should not be in the Off state.

Before you begin, confirm whether the system is in the Off state. To do so, perform the following steps:

- 1. Ensure that a charged battery is installed.
- 2. Press the Power button at the top left of the keypad for one to two seconds. If the LED is not lit, the system is in the Off state and it is safe to perform this procedure. If it is lit, do not perform this procedure.
- Remove the battery pack from your system by sliding the two battery release latches toward the unlatch icon ☐, and sliding the battery out of the bay.
- 4. Using the tip of your pen, slide the Power switch located inside the battery bay into On position.
- 5. Slide the battery back into the bay. The battery release latch at the bottom will click into place, but you must manually lock the upper latch, otherwise the battery will be unusable and the system will not power on.
- Press the Power button on the keypad for one to two seconds.

After performing initialization, the system starts the operating system.

"NO APPLICATION HAS BEEN INSTALLED"

If you have not added any new programs using the backup utility since the system was new, you will receive a message the next time you power the system on after having reset the system with the Power switch. (See Using the Stylistic CT2000 Series CE Tablet on page 15 for more information.) The message will state "No application has been installed." When this occurs, press the keypad [BKS] key.

After pressing the [BKS] key, you will be prompted to calibrate the pen and set the date and time. When the setting menu appears, tap on "Desktop" in the menu.

"CONTENTS OF MEMORY HAS BEEN LOST"

If you have added any new programs using the backup utility, you will receive a message the next time you power the system on after having reset the system with the Power switch. (See Using the Stylistic CT2000 Series CE Tablet on page 15 for more information.) The message will state "The contents of memory has been lost".

Click [Restore] to recover the application program.

SHUTTING DOWN THE SYSTEM

Note that shutting down the system is not recommended under normal circumstances, and should only be performed if the system is to be stored for a long period of time. If the system freezes up, use the procedure for "Resetting the System", below.



- Use the Power switch to shut off the system only if you have no alternative.
- If the system is shut down using the Power switch, data and programs that are stored in RAM will be lost.

Follow these steps to turn off your system:

- If possible, save your work and close all running programs.
- 2. Remove the battery pack from your system by sliding the two battery release latches toward the unlatch icon _____, and sliding the battery pack out of the bay.
- 3. Using the tip of your pen, slide the Power switch located inside the battery bay into Off position. The system is now in the Off state.
- 4. When you are ready to restart your tablet, follow the steps for "Powering Up the Tablet".

SUSPENDING/RESUMING THE SYSTEM

The Power button on the keypad is used to stop and start the operation of your tablet. Suspending system operation with this button does not shut the system down, it simply "puts it to sleep" until you're ready to use it.

To resume system operation, press the Power button on the top of the keypad for one to two seconds (see Figure 1-8.) When you press the button, the system "wakes up" and resumes at the same point as when you suspended operation.

When you have finished working with your tablet, or when you will not be using it for an extended period, you should suspend operation to conserve battery power.



It is good practice to **always** save your open documents before suspending the system.

To suspend your system, save your work, then press the Power button for one to two seconds. When you resume operation, the system will resume at the point at which you suspended operation.

RESETTING THE SYSTEM

In the event your system freezes up and does not respond to pen taps or keystrokes, it may become necessary to reset the system. To reset the system, lightly press the Reset button on the back of the system (see Figure 1-3.) using the tip of your pen. When the Reset button is pressed, the system will reboot.



Resetting the system using the Reset button will not result in loss of data or programs that are stored in RAM.

USING THE PEN

You can use the tablet pen to generate and capture electronic "ink", to select items, and to navigate through programs on the tablet. Programs that support handwriting recognition allow you to write characters directly on the screen with the pen.

By default the pen is in "pointing" mode; to select "inking" mode, click Start -> Programs -> Transcriber. The Transcriber icons will be created in the system tray at the bottom right of the screen. Click on the icon that looks like a hand holding a pen to change the mode. To change back to pointing mode from inking mode, click on the icon again.

The warranty does not cover a screen that is scratched as a result of not using a screen protector. We strongly recommend that you install a screen protector on your system. Screen protectors are available as optional accessories for your tablet. (For part numbers and ordering information, go to the Fujitsu Web site at: us.fujitsu.com/computers.)



 Do not use a ballpoint pen or any sharp object on the tablet. Doing so can scratch the screen surface. The warranty does not cover a screen that is scratched as a result of using a device other than the pen that was designed for the system.

The tablet uses "palm-rejection" technology that helps it distinguish between the pressure of a pen tip and that of your hand. This means you can safely rest your hand on the screen in a natural writing position without the risk of the system interpreting the pressure as that of the pen. (Always use care, however, when resting your hand on the screen.



Use care when resting your hand on the screen. If you press a knuckle on the screen, it may be interpreted as pen pressure.

Here are some hints on using the pen like a two-button mouse on a desktop system:

- To select an object, tap the pen tip on the object once.
 This functions like a mouse button click with the left mouse button.
- To "double-click" an object, tap twice on the object quickly.
- To "right-click", touch the desired object with the pen tip until a small circle of dashes appears.

For example, to invoke the Desktop properties with the desktop active, simply touch the pen tip to the screen for approximately two seconds, and the properties menu will appear.

■ To move, or "drag", an object on the screen, place the pen tip directly over the object, then as you hold the pen tip against the screen, move the pen.

CALIBRATING THE PEN

You calibrate the pen to ensure that the point where the pen actually touches the screen and where the system "thinks" the pen is touching on the screen are the same. If the event you wish to invoke is not displayed under the pen tip when you use the pen, you should calibrate the pen.

•

Pen calibration may be required due to the following situations:

- The pen is being used for the first time.
- The previous user of the tablet writes with the opposite hand or at a different pen angle.
- The system has been in use for some time and the pen has not been calibrated.
- The system has not been used for a long time and all stored information is lost due to battery power loss.

When you first power up your system, the pen will need to be calibrated. The calibration screen will appear automatically in that case.



It may be necessary to calibrate the pen more than once until the system recognizes it as a satisfactory calibration.

In the event you want to calibrate your pen, there are three different methods you can use to open the calibration utility.

- Using the Control Panel. Click [Start] -> Settings -> Control Panel, and double-click the Stylus icon. Select the Calibration tab and click the [Recalibrate] button. (NOTE: If calibration is so far off that the Stylus icon can't be seen, use one of the two alternate methods to open the utility.) Proceed to "Calibration Procedure", below.
- Use the Calibration Utility. Open the Fujitsu Menu (See "Using the Fujitsu Setup Menu" on page 24). Select "Run a Program" and in the window that appears, type in "\Windows\Calibration.exe", or browse to the location of the file. Click [OK] and the calibration utility will start. Proceed to "Calibration Procedure", below.
- Using the System Dialog window. Press the F2 button to open the System Dialog window. Tap the [Touch Panel Calibration] button. Proceed to "Calibration Procedure", below.

Calibration Procedure

Press the pen tip to the center of the target in the middle of the screen. The target will move to a new corner each time you press it. After you have pressed the target in the center and the four corners, the pen will be calibrated.

CHANGING DISPLAY RESOLUTION

By default, your display is set to XGA resolution (1024 x 768). To change the resolution to SVGA (800 x 600), perform the following steps:

 Go to Start -> Settings -> Control Panel -> Display DPI.

- 2. Select either 800x600 or 1024x768, depending upon your preference.
- 3. If you change the settings, you will be prompted that you must reboot your system. Click [Yes].

ADJUSTING THE DISPLAY BRIGHTNESS

Depending upon the ambient lighting, or to conserve power, you may want to adjust the display brightness.



Depending upon whether you are running your system on battery or AC power, the default screen brightness settings may be different.

There are two ways to adjust the display brightness:

- Press the Brightness button on the keypad to adjust the brightness level of your display. There are four levels of brightness; once you have pressed the brightness button to the highest level, the next press of the button will start the four-level cycle again.
- Click [Start] -> Settings -> Control Panel and doubleclick the BackLight icon.When Backlight Properties window opens, adjust the brightness with the slider.

PROGRAMMING THE FUNCTION BUTTONS

At the bottom of the keypad are four buttons labeled "F1", "F2", "F3", and "F4". Each of these buttons can be programmed to open commonly used programs or utilities simply by pressing the button.

When you receive your tablet the buttons have been preprogrammed to default to the following:

F1 (Button1): On-Screen Keyboard

F2 (Button2): System Dialog

F3 (Button3): WLAN/Battery Indicator

F4 (Button4): Unassigned

To change the program or utility assigned to any button, perform the following steps:

- 1. Click [Start] -> Settings -> Control Panel and double-click the Buttons icon. The Button Property window will appear.
- 2. Select the ellipsis ("...") adjacent to the button you want to change. A directory appears from which you can navigate to the program you want the button to launch. In CE .NET, many of the .exe files are located in the \Windows\ directory. (Note that .exe files can also be located in other folders, depending upon where you choose to save them.)
- 3. In the selected folder, click on the .exe you want to associate with the button, and click the [OK] button. Click the [OK] button on the Button Property screen. The program you selected will now be invoked by pressing the associated function button.



If the program file you want to launch is hidden, go to Start -> Program -> Explorer -> View -> Options to see the options selected in the Folder Options dialog.

For example, if you want to open WordPad whenever you press [F4], first you would open the Button Property window by clicking [Start] -> Settings -> Control Panel and double-clicking the Buttons icon.

Next, you would click the [...] on the Button4 line. Double-click on Windows and tap on "pword.exe" in the window that appears. (Note: If it appears that the program file is hidden, check Start -> Program -> Explorer -> View -> Options to verify the options selected in the Folder Options dialog.)

Click [OK], then click [OK] again. From now on, every time you press the F4 button, the WordPad program will start unless you go back and assign a new application to the button.

POWERING THE TABLET

The Stylistic CT2000 Series CE Tablet can be powered by either its rechargeable battery pack or by its AC power adapter.

Removing a Battery Pack

To install a new battery pack, perform the following steps:

- 1. Save any open documents and suspend your system.
- 2. Hold the system face down, with the battery compartment pointing towards you (see Figure 2-1).



The latch/lock must be locked/unlocked manually. If you do not lock the battery in place, the system will not run from the battery.

3. With the system oriented as shown in Figure 2-1, slide the latches to the left. Note that the latch on the left doubles as a latch and battery lock. It is not spring-loaded; it must be manipulated manually.

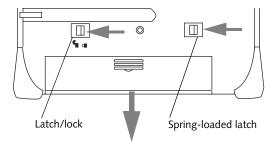


Figure 2-1 Removing/Installing the Battery

4. While continuing to hold the spring-loaded latch on the left, slide the battery pack out of the battery tray by pulling it towards you. When the battery is clear of the latch mechanism, release the battery latch.

Installing a Battery Pack

- To install a new or recharged battery pack, first make sure the lock/latch on the left is in unlatched position
 - then slide the battery pack into the battery tray and firmly push it in until it is seated. Slide the left latch into locked position.
- 2. Resume system operation.

CHARGING THE BATTERY PACK



An installed battery can be recharged while the system is running or suspended.

To recharge the battery pack while it is installed in the system, plug the AC adapter into the DC input jack on the right side of the system. Insert the AC adapter's electrical plug into a wall socket. When DC power is connected to the system and the system is suspended, the LED on the front of the system is lit if charging, otherwise it is off (reference the "Key/Button Pad" on page 12 for more information).

The battery can also be recharged when the system is installed in the optional cradle with cradle power applied.

CONSERVING BATTERY POWER

You can extend the charge life of your battery pack by conserving battery power. Your results may vary, depending upon the applications you use. Here are some suggestions to help you conserve battery power:

 Click Control Panel and double-click the Power icon. Select the Schemes tab. From the Power Scheme: dropdown, select whether you want to change the settings for battery power or AC power. Set the length of time before you want the system to automatically go to the next power state.

The system will first go into User Idle state, then System Idle state, and finally to Suspend state. The shorter the periods, the longer your battery will remain charged. Note that these periods are **cumulative**, not exclusive. For example, if User Idle is set to 1 minute, System Idle is set to 3 minutes, and Suspend is set to 2 minutes, the system won't go into Suspend until 6 minutes have passed (the total of the three settings).



Note that if any of the three states is set to "Never", the system will never suspend automatically.

- Reduce the backlight brightness using the brightness button or using the Backlight selection in the Control Panel (reference the section of this chapter entitled "Adjusting the Display Brightness" on page 17.)
- Shorten the amount of time before the backlight decreases in the Control Panel -> Display -> Backlight window.
- When you know you won't be using the system for a long period of time, manually suspend the tablet by pressing the Power button.

Operation of the Bridge Battery

When installed in the tablet, the main battery provides power to some system components—even when the system is in the Off state. When the battery is removed, power is supplied to these components by a "bridge" battery that is built into the tablet.

The bridge battery is not designed for long-term operation; it will support the main memory for only approximately 3 minutes.



The system arrives with the bridge battery discharged. Be sure to charge it for at least 24 hours before relying upon it to support the system in the event of battery removal.

To prevent draining the bridge battery, always store the system with a charged battery installed.

USING A KEYBOARD OR MOUSE

Although the pen, on-screen keyboard, and handwriting recognition applications allow you to enter any type of data into your system, there may be occasions when you prefer to use a mouse or an optional keyboard.



Some external keyboards and mice are not compatible with the Stylistic CT2000 Series CE Tablet (e.g., multifunction devices).

Attaching a Keyboard or Mouse

- Before attaching a USB 1.1 keyboard or mouse to your tablet, save all active data, then suspend system operation by pressing the Power button on the keypad.
- Plug the keyboard or mouse plug into the USB port on the left-hand side of the tablet or on the rear of the cradle.
- 3. If you are using the cradle, connect an AC adapter to the cradle to supply power.
- 4. Resume system operation.

PC CARD SLOT

The Stylistic CT2000 Series CE Tablet Card slot allows you to install a Type I or Type II PCMCIA Card.



Note that the software that accompanies some PC Cards is not compatible with the ARMV4I processor used in the Stylistic CT2000 Series CE Tablet. Check the PC Card specifications for compatibility before attempting to use the card in your system.

Installing a PC Card

First remove the protective cover by unscrewing the Philips screw that secures the cover to the system. Save the cover and hardware for later reinstallation.

Position the PC Card side with the arrow on the card facing up (i.e., when looking at the tablet's display side, the arrow on the card should be visible.) Slide the card into the PC Card slot, and press it firmly to ensure proper seating. (See Figure 1-4 for location)

Removing a PC Card

To remove a PC Card, first save any active data and press the Power button.

Firmly press the PC Card eject button that is adjacent to the PC Card slot. The card will be ejected.

COMPACT FLASH SLOT

Your tablet supports Compact Flash (CF) cards, which can perform a variety of functions. For further information on a particular CF card, refer to the instructions supplied with the card.

Installing CF Cards

CF Cards are installed in the CF Card slot. To install a CF Card, follow these steps:



Note that the software that accompanies some CF Cards is not compatible with the ARMV4I processor used in the Stylistic CT2000 Series CE Tablet. Check the CF Card specifications for compatibility before attempting to use the card in your system.

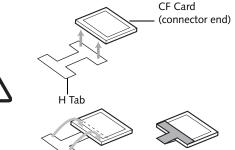


Do not insert a CF Card into a slot if there is water or any other substance on the card as you may permanently damage the card, your tablet, or both.

The CF card slot does not have an eject button, so try to use cards that are long enough to extend from the CF card slot.

In the event that is not possible, use one of the adhesive "H" tabs that were included with the system. To use an "H" tab, perform the following steps:

 Make sure you apply the tab to the end of the card that will be held when the card is inserted (i.e, the end without the connector).



- Remove the adhesive cover from one end of the tab and position it so that it is flush with the edge of the CF card; apply it to the card.
- Remove the other two pieces of adhesive cover and apply the second end to the other side of the CF card.
- Squeeze the two sides of the tab together.

When you insert the card from now on, use the tab to pull the card from the slot.

- 1. See your CF Card manual for instructions on installation of your card. Some CF Cards may require the system be suspended during card installation.
- First remove the protective cover by unscrewing the Philips screw that secures the cover to the system. Save the cover and hardware for later reinstallation.
- 3. Position the CF Card side with the arrow on the card facing up (i.e., when looking at the tablet's display side, the arrow on the card should be visible.) Slide the card into the CF Card slot, and press it firmly to ensure proper seating. (See Figure 1-6 for location)

Removing a CF Card

- 1. To remove a CF Card, first save any active data and press the Power button.
- 2. If the cover is installed over the card, remove it and save it for reinstallation.
- 3. Pull the CF Card from the slot.

INSTALLING A HANDSTRAP

The handstrap that came with your system provides a secure, comfortable method for holding the tablet.

To attach the handstrap, perform the following steps:

- 1. Locate the handstrap attachment points on the rear of the system (*See Figure 1-3 on page 9 for location*). Note that there are three attachment points so that the strap can be installed either horizontally or diagonally, depending upon your preference.
- 2. Slide the metal strip at one end of the strap into the slot in one of the attachment points (*Figure 2-2*).

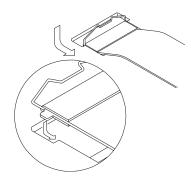


Figure 2-2 Inserting the Handstrap

3. Press the spring into the slot to secure the metal strip in the slot (*Figure 2-4*).

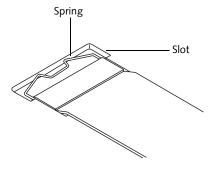


Figure 2-4. Securing the Handstrap

4. Repeat steps 2 and 3 to install the other end of the strap to a second attachment point.

To remove the handstrap, pull the spring back and up out of the slot, then slide the metal strip out of the slot.

Using Your Stylistic CT2000 Series CE Tablet Software

Using the Stylistic CT2000 Series CE Tablet Software

Your Stylistic CT2000 Series CE Tablet comes pre-loaded with a variety of valuable software. This chapter provides an overview of the CE Tablet software; for detailed information about installing and using the software, refer to Appendix A of this document.

WINDOWS CE .NET APPLICATIONS

The Microsoft® Windows CE .NET operating system consists of:

Microsoft Transcriber

Transcriber is a handwriting recognition tool that allows you to print or write in cursive. You can customize Transcriber to recognize your personal handwriting more readily by using the Letter Shapes Selector utility.

Microsoft Excel Viewer

A file viewer that displays documents created in Excel 97, Excel 2000, and Excel XP.

■ Microsoft Image Viewer

Image Viewer allows you to manipulate your images to create a slide show. Image Viewer lets you sort, rotate, or zoom your photos, and create transition effects for slide shows.

■ Microsoft PDF Viewer

Allows you to display documents authored in Portable Document Format (PDF), version 1.3.

■ Microsoft PowerPoint Viewer

A file viewer that displays presentations created in Microsoft PowerPoint 97, PowerPoint 2000, and PowerPoint XP.

■ Microsoft WordPad

A basic word processing application.

Microsoft Word Viewer

Allows you to display documents created in Microsoft Word 97, Word 2000, and Word XP.

Remote Desktop Protocol

RDP allows you to use your tablet to communicate with a terminal server across a LAN, WAN, or by a dial-up, ISDN, DSL, or virtual private network (VPN) connection.



- Prior to using the Remote Desktop Protocol, you must first configure the Terminal Service Settings which can be accessed by double-clicking on the Terminal Service Setting icon in the Control Panel. (See Terminal service setting on page 57 for more information.)
- If the server is not configured, the system will suspend.
- To open RDP, go to Start -> Programs -> Remote Desktop. Follow the prompts and enter the password when prompted.

Windows Messenger

This utility detects the presence of contacts and provides text and voice messaging and file transfers using Hotmail and Communications Service protocols.

Customized Internet Explorer 6.0 for Windows CE
 Internet Explorer allows you to navigate and view
 Internet pages on your tablet when you are connected to an Internet Service Provider (ISP) though a modem, Ethernet, or wireless LAN.

Windows Media Player

Standalone application for playing various multimedia data formats.

To learn how to use the Windows CE .NET applications and utilities, click the [Start] button and select Help from the menu. A multi-layered help menu will appear. Navigate down to the specific application, and a detailed description of how to use the application will appear.

ACTIVESYNC APPLICATION

ActiveSync is software that allows you to easily synchronize data between your tablet and a remote host computer.



In order to use ActiveSync, you must have the optional tablet cradle. To purchase a tablet cradle, go to the Fujitsu Web site at: http://us.fujitsu.com/computers, and navigate to the accessories section.

To install ActiveSync, you must first download it from the Microsoft Web site to the host computer. The download is available at:

http://www.microsoft.com/downloads

Install ActiveSync by following the instructions that appear on the screen.



- Before attempting to synchronize the tablet with the host computer, you must power up the tablet before inserting it into the tablet dock.
- Be sure to insert the tablet carefully in the dock. Failure to align the interface connectors could result in synchronization problems.

First-Time ActiveSync

The first time you use ActiveSync, you must first set up a partnership between your tablet and the host computer. To do so, perform the following steps.

- Be sure that you have downloaded ActiveSync from the Microsoft web site, as detailed above.
- Before attempting to synchronize the systems, be sure to connect the USB cable that came with the cradle between the host computer and the tablet, as instructed in the cradle manual.
- 3. Turn on the tablet prior to inserting it in the tablet dock, otherwise you will fail to synchronize.
- A few seconds after you insert the tablet in the dock, you will hear a beep, indicating that the tablet and remote computer are communicating.



If the tablet and the remote system fail to synchronize, undock and redock the system; the interface connector on the bottom of the system may be misaligned with the connector on the dock.

- 5. A message appears asking if you want to set up a partnership. Click [Yes], then click [Next].
- 6. When asked for a device name, enter a name for the tablet and click [Next]. In the event that the name you enter has already been used, you will receive a message stating "Device name not unique". If that occurs, enter a new name and click [Next].
- 7. Select Synchronization Settings and click [Next].
- When you receive a message stating that setup is complete, click [Finish]. An ActiveSync window will appear telling you that you are connected and sychronized.



When ActiveSync is disconnected, the CE Tablet may shut down. Before closing the ActiveSync connection, be sure to save all active data.

To Launch ActiveSync Automatically

On the tablet desktop go to Start -> Settings -> Control Panel and click on the PC Connection icon. Verify that the "Enable direct connections to the desktop computer" checkbox is checked. If you do not want to sync automatically, uncheck the box. In the future, ActiveSync will start automatically when you install the running system in the dock.



Undocking and re-docking the tablet too quickly will cause a loss of connection.

ADD-ON APPLICATIONS AND UTILITIES

In addition to the Windows applications listed above, there are several third-party applications and utilities included on your tablet. Details on their use can be found in the appropriate sections of this manual.

Control Panel

The Control Panel provides several helpful utilities, including:

- Backlight: The Backlight utility lets you adjust the backlight level using a slider bar.
- Buttons: The Buttons applet allows you to assign different applications to the four function buttons.
- ClearType: This applet lets you enable ClearType font.
- Display: The Display applet allows you to change the color or image in the background and to set the amount of time for the backlight to stay on when the system is not in use (this is for battery conservation).
- Display DPI: Allows you change the resolution of the display from 1024 x 768 to 800 x 600 pixels.
- Input Panel: The Input Panel allows you to select the size of the on-screen keyboard.
- PC Connection: This applet allows you to select the method for synchronizing with your desktop computer. PC Connection also allows you to specify whether the system will ActiveSync automatically at startup.
- Power: The Power utility displays information about battery and device status, and allows you to change the power schemes for battery power and AC power to maximize your battery life.
- Stylus: The Stylus applet allows you to change the double-tap actions and to calibrate the pen.
- System: The System applet provides information about the system, device name, and copyright infor-

mation. This icon also allows you to allocate the amount of memory used for storage and for programs.

 System Information: The System Information utility provides detailed information about your tablet's Bootloader, CPU, and system image.

Additional Applications and Utilities

- Calibration Direct Launch: Calibration Direct Launch allows you to open the calibration utility without using the Control Panel. This can be helpful if the calibration is so far off that you can't click on the icon. To open the calibration utility, first open the Fujitsu Menu (See "Using the Fujitsu Setup Menu" on page 24). Select "Run a Program" and type in "\windows\calibration.exe", or browse to the location of the file. Click [OK] and the calibration utility will start.
- Screen Keyboard: The on-screen keyboard allows you to input text from a graphical on-screen keyboard. By default, the keyboard can be invoked by pressing the [F1] function button.
- WLAN/Battery Indicator: Shows Signal-to-Noise Ratio (SNR) and battery charge level periodically. By default, this indicator can be invoked by pressing the [F3] function button.

USING THE FUJITSU SETUP MENU

The Fujitsu Setup menu provides a central location for you to find helpful utilities when using your system.

To access the Setup menu, first reset the system by lightly pressing the Reset button on the back of the system using the tip of your pen (see Figure 1-3.) While the system is rebooting, press and hold the [CLR] button on the keypad.

The Fujitsu Setup menu contains the following selections:

- 1. Control Panel
- 2. Install an Application
- 3. Device Property
- 4. Registry Editor
- 5. File Manager
- 6. Run a Program
- 7. Desktop

Each of these selections provides a separate window containing additional instructions.

Additionally, you can invoke a Diagnostics selection button by clicking the [BKS] and [9] buttons simultaneously while the menu is open. Ordinarily, you will not need to use the diagnostics selection.

INSTALLING APPLICATIONS

You can install new applications using ActiveSync, a wireless LAN, or a storage card. Detailed information about installing applications can be found in the Appendix of this document. (See Installing and Using the CE Tablet Software on page 51 for more information.)

4 Wireless LAN User's Guide



FCC REGULATORY INFORMATION

Please note the following regulatory information related to the wireless LAN module.

Regulatory Notes and StatementsWireless LAN, Health and Authorization for use

Radio frequency electromagnetic energy is emitted from wireless LAN devices. The energy levels of these emissions, however, are far much less than the electromagnetic energy emissions from wireless devices such as mobile phones. Wireless LAN devices are safe for use by consumers because they operate within the guidelines found in radio frequency safety standards and recommendations. The use of wireless LAN devices may be restricted in some situations or environments, such as:

- On board an airplane, or
- In an explosive environment, or
- In situations where the interference risk to other devices or services is perceived or identified as harmful.

In cases in which the policy regarding use of wireless LAN devices in specific environments is not clear (e.g., airports, hospitals, chemical/oil/gas industrial plants, private buildings), obtain authorization to use these devices prior to operating the equipment.

Regulatory Information/Disclaimers

Installation and use of this wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution or attachment of connecting cables and equipment other than those specified by the manufacturer. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. The manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failure to comply with these guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Federal Communications Commission statement

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause interference, and, (2) This device must accept any interference, including interference that may cause undesired operation of this device.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio

frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- 1. Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the one the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radio Frequency Exposure statement

This wireless LAN radio device has been evaluated under FCC Bulletin OET 65C and found compliant with the requirements as set forth in CFR 47 Sections 2.1091, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. The radiated output power of this wireless LAN device is far below the FCC radio frequency exposure limits.

Export restrictions

This product or software contains encryption code which may not be exported or transferred from the US or Canada without an approved US Department of Commerce export license. This device complies with Part 15 of FCC Rules., as well as ICES 003 B / NMB 003 B. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation. Modifications not expressly authorized by Fujitsu Computer Systems Corporation may invalidate the user's right to operate this equipment.

Canadian Notice

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Before Using the Wireless LAN

This manual describes the basic operating procedures for the wireless LAN (referred to as the "device" in this manual) and how to set up a wireless LAN network. Before using this device, read this manual carefully to ensure correct operation of the device. Keep this manual in a safe place for reference while using the device.

Characteristics of the Device

The main characteristics are as follows:

- It operates in the 2.4 GHz Industrial, Scientific, and Medical (ISM) RF band.
- It does not require the procurement of an FCC license to operate.
- It uses two different RF modulation schemes, depending on the operating mode: 802.11b or 802.11g. Direct Sequence Spread Spectrum (DSSS) is used in 802.11b mode; Orthogonal Frequency Division Multiplexing (OFDM) is used in 802.11g mode.
- This device is designed to the IEEE 802.11b/g standard, which states that the maximum rate of data transfer is 54 Mbps in 802.11g mode and 11 Mbps in 802.11b mode; this computer's actual data transfer speed can be much lower depending on a variety of factors, including the Windows CE device capability.
- The maximum communication range is approximately 80 feet (25 meters) inside a building. The range may be shorter depending upon the installation factors, such as walls and columns.
- Unauthorized viewing of data can be prevented with the use of an encryption key. The wireless LAN module used in this computer supports WEP and TKIP encryption.

Wireless LAN Modes Using this Device

Ad Hoc Mode (See Figure 4-1)

"Ad Hoc Mode" refers to a type of wireless network that involves connecting multiple computers without the use of an Access Point. Network connectivity between computers can be established using only wireless LAN cards in a peer-to-peer fashion.

Ad Hoc networks are an easy and inexpensive method for establishing network connectivity between multiple computers.

In the Ad Hoc mode, you can use the function supported by Microsoft Network, such as File and Print Sharing to exchange files and share a printer or other peripheral devices.

To use the Ad Hoc Mode, you must set the same SSID and the same encryption key for all the computers that are connected. All connected computers can communicate with each other within the communication range.

Access Point (Infrastructure) Mode (See Figure 4-2) "Access Point" or "Infrastructure" Mode refers to a wireless network in which devices communicate with each other by first going through an Access Point (AP). In infrastructure mode, wireless devices can communicate with each other or with a wired network. Most corporate wireless LANs operate in infrastructure mode because they require access to the wired LAN in order to use services such as file servers or printers.

How to Handle This Device

The integrated wireless LAN device is already installed in your mobile computer. Under normal circumstances, it should not be necessary for you to remove or re-install it. The wireless LAN has been configured to support the operating system with which your system shipped.

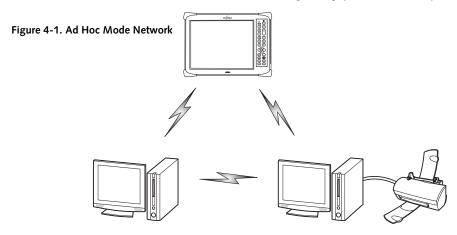
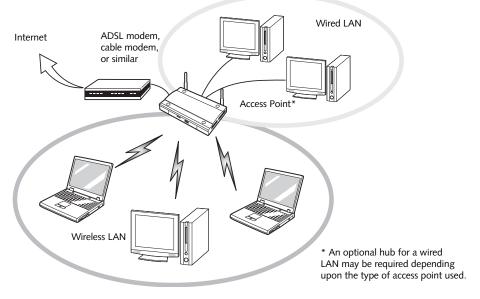


Figure 4-2. Access Point (Infrastructure) Mode Network



FOR BETTER COMMUNICATIONS

This personal computer may not operate properly due to the operating environment. Strictly observe the following precautions when installing the main unit of the computer:

- Since this personal computer is compliant only with IEEE802.11b/g devices, it is not possible to communicate with IEEE802.11a devices.
- The recommended wireless communications distance is within a line-of-sight radius of 25 meters. For reasons related to the characteristics of the wireless LAN, however, the actual communications distance depends on the structure of the building in which the wireless LAN function is to be used, the presence/absence of obstructions, the types of software to be used, installation status, radio-wave status, or other operating conditions. Decreases in communications speed or a communications failure may also occur.
- If a broadcasting station or wireless communications equipment is present nearby and this prevents the computer from communicating properly, moving the main unit of the computer is suggested. Radio interference may also occur if the intensity of ambient radio waves is too high.

STARTING TRANSMISSION

To communicate using the wireless LAN function, set the computer to a status from which it can transmit, as follows:

To activate the transmission:

- Double-click the Wireless Network icon in the system tray (it looks like two overlapping monitors).
- 2. Click on the Wireless Information tab. Wait for the network list to appear, and select the one you want to use. Click [Connect]. The radio will be turned on.

Access Point Mode: Transmission is enabled. Ad Hoc Mode: Restart your computer to enable the radio.

STOPPING TRANSMISSION

To use this product inside hospitals, clinics, or airplanes, or in other places where the use of electronic equipment is regulated, stop the transmission of radio waves from the wireless LAN beforehand.

Deactivation using Windows

- Click on [Start] -> Settings -> Network and Dialup Connection.
- 2. Tap PCI-PRISM1, then click File in the toolbar at the top of the screen.
- Click Disable; wireless communications switching will be deactivated and the transmission of radio waves from the wireless LAN will be stopped.

DISABLING/RE-ENABLING THE WLAN

If you do not intend to use the wireless LAN device in your tablet, it is recommended that you disable it.



Do not disable the WLAN unless you have no intention of using it. In the process of reenabling it, you will lose any RAM-based data and applications.

Disabling the WLAN

To disable the wireless LAN device, go to Start -> Programs -> Explorer and double-click on the Windows icon. The double-click on the NoWLAN.exe file to run it. After executing the file, perform a warm reset of the system by pressing the recessed reset button on the back of the tablet.

Re-Enabling the Wireless LAN

There are two ways to re-enable the WLAN after having disabled it. Note that both of these methods will result in any RAM-based data and applications being lost. Be sure to back up any data and applications to external media before proceeding.

To re-enable the WLAN, the user needs to needs to initialize the system. The first method is to perform a cold reset of the system. See "Shutting Down the System" on page 15 for information on performing a cold reset.

The second method of re-enabling the WLAN follows:

- Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2) Select Device Property, then select the Initialize tab.
- 3) Select "Initialize all settings" or "Initialize selected items", then press the Initialize button.
- 4) Restart the system.

Connection using Windows CE .NET

FLOW OF OPERATIONS

The wireless LAN connection procedure contained in this section is outlined below.

- Make sure the mobile computer is ready for the transmission of radio waves from the wireless LAN.
 For further details, see (See Starting Transmission on page 28 for more information.).
- 2. Assign the parameters required for wireless LAN connection. (See Preparation for a New Wireless LAN Connection, below.)
 - Enter the network name (SSID) and other data.
 - Enter the network key if your network uses a static WEP (Wireless Equivalent Privacy) key.
- 3. Perform setting operations relating to network connection. (See Connecting to the network on page 31 for more information.)

PREPARATION FOR A NEW WIRELESS LAN CONNECTION

This section explains the preparations required for the use of the wireless LAN.

Assigning parameters

Enter the network name (SSID), the network key, and other data required for wireless LAN connection. If there is an administrator of the network, contact the network administrator for data settings.

- To use access point (infrastructure) connection, refer to the access point manual for the access point-setting procedure.
- You do not need to set the channel when using access point (infrastructure) mode. Channel selection is controlled by the access point. In ad hoc networks, channel selection defaults to channel 11; however, channel selection can be manually changed if desired. This can be accomplished only when using the client utility.

If it is necessary to change the channel, change the setting of the access point. For the setting procedure, refer to the manual of the access point.

- Click on [Start] -> Settings -> Network and Dial-up Connections.
- 2. Tap PCI-PRISM1, then click File in the toolbar at the top of the screen.

- 3. Click Enable.
- 4. Double-click the Wireless Network icon in the system tray (it looks like two overlapping monitors).
- Click on the Wireless Information tab. Wait for the network list to appear, and double-click "Add New..." in the network list.



The following steps require the use of the on-screen keyboard. Open the on-screen keyboard either by tapping on the keyboard icon at the bottom of the screen or tapping the [F1] button (if it has been programmed to open the on-screen keyboard).

- Enter the information required for connection to the wireless LAN.
 - a. Enter the network name (SSID). (i.e., Enter the name of the desired network in less than 33 ASCII characters).

For ad hoc connection: Assign the same network name to all the personal computers to be connected.

For access point (infrastructure) connection: Assign the appropriate SSID. The SSID must be identical to the SSID of the access point. Refer to the access point manual, or contact your network administrator.

- b. For ad hoc connection, check the following box. "This is a computer-to-computer (ad hoc) network; wireless access points are not used."
- Enter the Network key for encoding communications data.



It is strongly recommended that you enter the network key for encoding communications data. If the network key is not entered, since the network can be accessed from all personal computers with a wireless LAN module or card, there is the danger of your data being stolen or damaged by other users.

- a. For ad hoc connection: When the "This is a computer-to-computer (ad hoc) network; wireless access points are not used." box is checked, the Encryption automatically goes to TKIP.
- b. For access point (infrastructure) connection: If the access point to be accessed has acquired shared-key authentication, select Shared from the Authentication drop-down menu.

If checked, clear the check mark from the [The key is provided automatically] check box.

- c. Enter data in Network key: Depending on the number of entered characters or digits, whether the key is an ASCII character code or a hexadecimal code will be identified automatically.
 - Use five or thirteen characters to enter the key in the ASCII character code format. The characters that can be used as the "network key" are as follows: 0 - 9, A - Z, _(underscore), or,
 - Use 10 or 26 characters to enter the key in the hexadecimal character code format. The characters that can be used as the "network key" in this case are as follows: 0-9, A F, a f
 For ad hoc connection: Assign the same network key to all the personal computers to be connected.

For access point (infrastructure) connection: Assign the identical network key that is programmed into the access point. For this setting, refer to the access point manual or contact your network administrator.

- d. Make sure that Key index: is set to "1". (Any value from "1" to "4" can be assigned to Key index: (advanced)]. "1" is usually assigned, however).
- 7. After completion of setting operations, click the [OK] button.
- 8. Verify that the network name entered above is added to the list of networks.
- 9. Close the wireless LAN window.

CONNECTING TO THE NETWORK

This section explains connection to the network.

If there is an administrator of the network, contact the network administrator for data settings.

- Click [Start] -> Settings -> Network and Dial-up Connections.
- Double-click the PCI-PRISM1 icon. The Settings window will appear.
- 3. Select the IP Address tab if it is not already selected.
- 4. Set the IP address as follows:
 - For ad hoc connection: Select [Specify an IP address:] and then enter data for [IP address] and [Subnet mask]. Consult with your network administrator for the correct IP address settings.
 - For access point (infrastructure) connection: If your network uses DHCP, select [Obtain an IP address via DHCP]. If your network uses static IP

- addresses, consult with your network administrator for the correct IP address settings.
- Click the [OK] button. Processing will return to the [Network and Dial-up Connection] window.
- Close the [Network and Dial-up Connection] window.

Following this operation, confirm the names of the computer and the workgroup as follows.

Confirming the computer names

- 1. Click Start -> Settings -> Control Panel.
- Double-click the [System] icon. The [System Properties] window will be displayed.
- 3. Click the [Device Name] tab.
- Confirm the settings of [Device name:] and [Device Description:].
 - a. The setting of [Device name:] denotes the name for identifying the computer. Any name can be assigned for each personal computer.
 - Enter the desired name in less than 15 ASCII character code format. Identifiability can be enhanced by entering the model number, the user name, and other factors.
 - b. [Device Description:] provides additional information about the system. Enter the desired description in less than 15 ASCII character code format.
- 5. Click the [OK] button. If a message is displayed that requests you to restart the tablet, click [Yes] to restart the computer.

5 Care and Maintenance

Care and Maintenance

This chapter gives you pointers on how to care for and maintain your Stylistic CT2000 Series CE Tablet.

CARING FOR YOUR TABLET

Please note the following information regarding proper treatment of your tablet:

- Your tablet is a durable but sensitive electronic device.
 Treat it with care.
- Make a habit of transporting the system in a suitable carrying case.
- Do not attempt to service the computer yourself.
 Always follow installation and operation instructions closely.
- If you accidentally spill liquid on your tablet:
 - 1. Turn it off.
 - 2. Position it so that the liquid can run out.
 - 3. Let it dry out for 24 hours, or longer if needed.
 - 4. If your tablet will not boot up after it has dried out, call your support representative.
- Do not use your tablet in a wet environment (e.g., near a bathtub or swimming pool).
- Always use the AC adapter and batteries that are approved for your system.
- Avoid exposure to sand, dust and other environmental hazards.
- Do not expose your tablet to direct sunlight for long periods of time as excessive temperatures may damage your system.
- Do not put heavy or sharp objects on the computer.
- If you are carrying your system in a briefcase, or any other carrying case, make sure that there are no objects in the case pressing on the display.
- Do not drop your tablet or touch the screen with any sharp objects.
- If using the Stylistic CT2000 Series CE Tablet with an optional cradle, clean the cradle interface occasionally with a dry cotton swab or gauze. Dirty contacts can result in loss of communication through the cradle.

PROTECTING THE DISPLAY

The Stylistic CT2000 Series CE Tablet is designed to provide you with years of service. Using a screen protector will help ensure the screen remains as clear as possible. When installed, the screen protector becomes a durable, replaceable writing surface that protects the display from abrasion.

We highly recommend that you install a screen protector on your tablet. Screen protectors are available as optional accessories for your tablet. (For part numbers and ordering information, go to the Fujitsu Web site at: us.fujitsu.com/computers.) Be sure to use only screen protectors that are designed for your tablet.



During normal use of the tablet, small particles from the environment can become embedded in the pen tip and scratch the screen. To prevent scratching the screen, we recommend that a screen protector be installed before using your tablet. The warranty does not cover a scratched screen.

To install a new screen protector on your tablet:

- If a screen protector is already installed on the display, remove it before installing the new screen protector.
 - The screen protector is held onto the display surface by a thin strip of adhesive around the edges. A notch in one corner of the screen protector allows you to slide your fingernail under the screen protector for easy removal.
- Clean the display by wiping the screen gently using a soft cotton cloth dampened with isopropyl alcohol.
 Ensure that all residue has been removed from the screen before applying a new screen protector.
 Remove the protective coating from the adhesive side of the screen protector first, as shown in Figure 5-1.



- The Stylistic CT2000 Series CE Tablet is not waterproof. Do not pour liquids on the system or wash it with a heavily soaked cloth.
- Do not place items on the top of the display, or damage may occur.

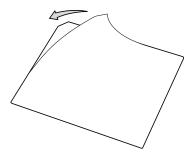


Figure 5-1. Removing the Protective Sheet

3. Apply the screen protector to the display surface. When doing so, orient the screen protector with the adhesive side of the screen protector facing the display and the notched corner of the screen protector oriented as shown in Figure 5-2.

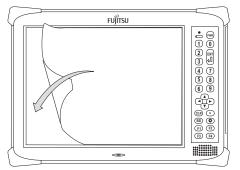


Figure 5-2. Installing the screen protector

- 4. Apply pressure to the screen protector with your finger using a continuous wiping motion along the edges. The adhesive sets completely within 48 hours. To ensure a good seal between the screen protector and the display, do not lift the screen protector from the display once it has been applied.
- 5. Remove the protective plastic cover from the face of the screen protector, as shown in Figure 5-3.

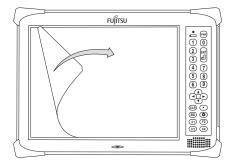


Figure 5-3. Removing the protective cover

6. Clean any residue left behind by the protective coating from the exposed surface of the screen protector by wiping gently with a soft cotton cloth dampened with isopropyl alcohol. Wipe the screen protector with a soft dry cloth to remove any lowtack adhesive; this will help prevent the pen tip from squeaking.

The screen protector is now installed.

STORING THE TABLET

Store the tablet where it will not be exposed to vibration, dust, extreme temperatures (high and low), high humidity, and direct sunlight.

Store the Stylistic CT2000 Series CE Tablet in the Off state with a fully charged battery installed.

If you intend to store the tablet for an extensive period of time, the battery that maintains system time may need to be replaced. Replacement of the clock battery should only be performed by authorized technicians.

For long term storage, it is recommended that you save all programs, shut down the system, and remove the battery. When restarting, reset the device completely.

AVOIDING OVERHEATING



Do not expose your Stylistic CT2000 Series CE Tablet to direct sunlight for extended periods of time as excessive temperatures may damage your tablet.

The tablet monitors its internal temperature. As the internal temperature approaches the tolerable limits of heat-sensitive components, system functions are automatically limited or turned off to prevent damage.

CLEANING THE DISPLAY

To clean the tablet display, wipe the screen surface gently using a soft, dry cotton cloth or one slightly dampened with a diluted neutral detergent solution. If you use a dampened cloth, be sure to wring out all excessive solution in order to prevent any of the solution from getting into the device.

 The Stylistic CT2000 Series CE Tablet is not waterproof. Do not pour liquids on the tablet or wash the tablet with a heavily soaked cloth.



- When cleaning the display, use care to avoid pushing foreign matter between the display and the edge that frames the display.
- Do not wipe the tablet with thinner, benzine, or other volatile substance.
 Such solutions can damage the device or erase printed letters and icons.

Troubleshooting and FAQs

Troubleshooting

Solutions to some common problems are described in the following sections. If you are experiencing a problem with your Stylistic CT2000 Series CE Tablet that you cannot solve by taking the actions described, contact your local help desk or reseller, or call Fujitsu Service and Support at 1-800-8Fujitsu (1-800-838-5487) for further assistance.

Problem	User Response
System will not start or resume operation	If the system will not resume operation after system operation has been suspended, check the following possible causes:
	The battery may either be discharged to a critically low level. To correct this problem, either connect the AC adapter or install a charged battery in the tablet.
	The system may be at the critical thermal limit. System operation cannot be resumed until the tablet cools off to a tolerable temperature. Move the tablet to a cooler location.
	The service life of the battery may have expired or the battery is faulty. If this is the case, install a new battery.
	The battery lock switch may be unlocked. To lock the switch, refer to "Powering Up the Tablet" on page 15.
Display Is Blank or Difficult to Read	If the display on your tablet appears blank or is unreadable, confirm that the system is running (the Power icon is displayed continuously), and check the following:
	 The system brightness may be set too low, causing the screen to appear too dark. To change system brightness, press the brightness button on the keypad once or more to adjust the brightness.
	The video timeout may have expired. Tap on the screen to reactivate the display. Note that this is a normal, power-saving feature.
Screen appears for a moment, then turns black when power key is pressed	The main battery may be discharged. Either plug in the AC Adapter to charge the main battery or replace with a charged battery.
Cursor is not tracking pen	If the cursor on the screen appears to be misaligned with the pen or is not accurately tracking the pen, calibrate the pen. See "Calibrating the Pen" on page 16 for more information.
Tablet is not responding to the pen	If the tablet does not respond to the pen, connect an external keyboard to the system to see if it responds to keyboard commands. If the system doesn't respond to a keyboard, the application or system may have crashed, and it may be necessary to reboot the system by pressing the reset button on the back of the system.
Speaker/Headphone silent or volume is too low	If the audio volume on your tablet speaker or external headphones is too low, check the following:
	Ensure the speaker (or headphone output if using headphones) is enabled. To do so, open the Control Panel and double-click on the Volume & Sounds icon. Select the Volume tab, and increase the volume using the slider bar.
	Ensure any volume control in your audio software is set to an audible level.

USER RESPONSE TO MESSAGES

If at any time you receive one of the following messages, take the action described in the following table.

Message	Cause	User Response
"Main batteries very low"	The main battery charge is too low.	Either replace the main battery or charge the main battery using the battery charger or cradle. See "Charging the Battery Pack" on page 18.
"Low backup battery"	The backup battery charge is too low.	Charge the backup battery. The backup battery should be charged for twenty-four hours to be fully charged.
"No application has been installed. Press 'BKS' to continue."	No application programs have been installed.	Refer to installation procedure in the Appendix of this document.
"The contents of memory has been lost. Touch 'Restore' to recover the application program."	The memory data was deleted because (for example) the battery charge was too low.	Refer to restoration procedure in the Appendix of this document.
"System has detected an error in your data."	An error occurred in the system information storage area of the flash disk.	Tap the [OK] key to initialize the flash disk, then reinstall the application programs.

ERROR CODES

Occasionally, it may be necessary to restore specific applications. Ordinarily, the restored operating environment become effective after the system is restarted. If for some reason the application program cannot be restored automatically, you may receive a restoration failure error message (*Figure 5-1*). For the cause of the error, see the table that follows.

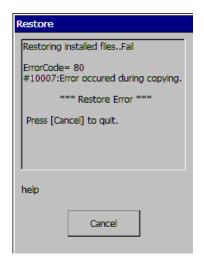


Figure 5-1 Example of Error Code Message

Error code	Name	Error
0 or above		Standard Windows error code.See WinError.h.
0	RETURN_OK	Normal or successful
-101	FILE_NOTHING	The specified file was not found.
-102	FILE_ALWAYS	The specified file already exists.
-103	FILE_READ_ERROR	File read error
-104	FILE_WRITE_ERROR	File write error
-105	FILE_COPY_ERROR	File copy error
-106	REGFILE_COPY_ERROR	WIN32API:RegCopyFile error
-107	REGFILE_RESTORE_ERROR	WIN32API:RegRestoreFile error
-108	FILE_DELETE_ERROR	File deletion error
-109	DIR_CREATE_ERROR	Folder creation error
-110	FILE_RUN_ERROR	File execution error
-111	REG_OPEN_ERROR	Registry key open error
-112	REG_READ_ERROR	Registry value read error
-113	REG_WRITE_ERROR	Registry value write error
-114	REG_CREAT_ERROR	Registry creation error
-115	REG_DELETE_ERROR	Registry deletion error
-116	NOT_IMPORT_REGFILE	Registry file import error
-117	NOT_EXPORT_REGFILE	Registry file export error
-121	NOT_FIND_SECTION	The section name was not found.
-122	NOT_FIND_ENTRY	The entry name was not found.
-123	NOT_FIND_HKEY	HKEY was not found in the file.
-124	NOT_FIND_SUBKEY	The registry subkey was not found in the file.
-125	VALUE_STATUS_ERROR	The registry format that was read is invalid.

Troubleshooting and FAQs

Error code	Name	Error
-126	VALUE_NAME_ERROR	The registry name that was read is invalid.
-127	VALUE_DATA_ERROR	The registry information that was read is invalid.
-131	NOT_FIND_CONFIG	The setting file was not found.
-132	NOT_FIND_SYSTEMREG	The system registry file was not found.
-133	NOT_CREATE_STARTUP	Startup shortcut cannot be created.
-134	NOT_BACKUP_FILE	The file cannot be backed up.
-141	NOT_APP_INSTALL	No applications are installed.
-999	SYSTEM_ERROR	System error

FREQUENTLY ASKED QUESTIONS (FAQS)

The following list contains answers to some of the most frequently-asked questions pertaining to the Stylistic CT2000 Series CE Tablet.

What is the difference between CE .NET 4.2, Pocket PC 2002 and Windows for Mobile 2003?

CE .NET 4.2 is the version of the Windows CE operating system installed on the Stylistic CT2000 Series CE Tablet. Pocket PC 2002 is based on the older version of CE, version 3.0. Windows for Mobile 2003 for Pocket PC is also based on CE .NET 4.2.

What is ActiveSync and what functions does it provide?

Microsoft ActiveSync is used to synchronize data between the desktop and the CE device. In addition, it provides the following functionalities: Installs and removes programs on a CE device, backs-up and restores programs, performs file conversions from desktop to CE version, imports and exports database tables, and prepares desktop for remote connections.

What is the latest version of the Microsoft ActiveSync software and where can I get a copy?

The latest version of ActiveSync is 3.7.1 and it can be downloaded from the mobile section of Microsoft's website, www.microsoft.com/downloads

Do I need the optional docking station to establish an ActiveSync connection?

Yes. The USB port B is only on the docking station. The dock is required to establish a ActiveSync connection through the USB port.

What development options are available for CE.NET 4.2?

Applications can be developed for CE .NET 4.2 using the Microsoft Visual Studio .NET 2003 IDE. This includes languages such as VB.NET, C# and C++. For developing native 32-bit applications for CE.NET you can also use eMbedded Visual C++ 4.0.

Can I use eMbedded Visual Basic to develop applications for CE .NET 4.2?

No, eMbedded Visual Basic is not supported in CE.NET 4.2. You will have to use VB.NET which is part of Visual Studio 2003.

What is the .NET Compact Framework and do I need to install it to my device?

The Microsoft .NET Compact Framework is a subset of the desktop .NET Framework that runs on smart devices, providing support for managed code and XML web services. The latest version of the .NET Compact Framework is pre-installed on the Stylistic CT2000 Series CE Tablet.

What are the CE .NET File Viewers?

File Viewers are included on the OS and they enable you to view Microsoft Word, Excel, PowerPoint, Adobe Acrobat and JPEG/GIF/BMP image files. The File Viewers support PowerPoint transitions and animations, Excel charts & Word images and tables. You do not need to convert your original files to view them using the CE .NET File Viewers.

What is the difference between the ARMV4I and ARMV4T processors?

ARMV4I is the processor on the Stylistic CT2000 Series CE Tablet. Visual Studio 2003 treats the ARMV4I as the ARMV4T processor. As a result, applications that are compiled for the ARMV4T can run on the Stylistic CT2000 Series CE Tablet.

Why can't I install my software or driver on the ARMV4I processor?

The software that accompanies some PC and CF Cards is not compatible with the ARMV4I processor used in the Stylistic CT2000 Series CE Tablet. Check the card specifications for compatibility before attempting to use the card in your system. You can also contact the card vendor to inquire if a workaround or software patch is available.

How do I install applications on the Stylistic CT2000 Series CE Tablet?

There are two ways to install applications on the Stylistic CT2000 Series CE Tablet. You can install directly from your desktop through an ActiveSync connection or you can run a CE CAB file directly from the device. You can copy the CAB file to the local storage or run it directly from a removable media such as a PCMCIA flash card.

Does the Stylistic CT2000 Series CE Tablet come standard with any handwriting recognition software?

Yes. The Microsoft Transcriber is pre-installed on the device and it recognizes cursive, print and mixed handwriting. It supports multiple languages as well as editing gestures such as cut, paste, enter, etc. You can select between pointing mode (arrow) and writing mode (ink) by tapping on the icons in the System Tray. The Letter Shape Selector is a tool that helps improve the recognition results by allowing users to define how they write certain characters.

Is an on-screen keyboard available on the Stylistic CT2000 Series CE Tablet?

Yes. The Microsoft Transcriber also has a on-screen keyboard which contains special symbols, punctuation and function keys.

Do I need to download any additional software to develop applications using Visual Studio 2003?

Yes. You need to download and install the CE Utilities for VS. NET 2003 Add-on Pack v.1.1. This updates the files for smart device development and adds an option for connecting to the ARMV4I processor through the VS.NET IDE using ActiveSync.

Can I use Visual Studio 2002 to develop CE.NET applications?

No. VS 2002 does not support smart device development. You will have to upgraded to VS 2003 or use eMbedded Visual C++ 4.0.

When I go to the Memory tab on System Properties, it indicates that I only have 64 MB of memory. I thought I had 128 MB.

Your system has two types of memory: RAM and Flash ROM. There are 128 MB of RAM and 128 MB of flash ROM in the CT2000 tablet.

Of the 128 MB of RAM, 64 MB are used to store data and applications; the other 64 MB are used to store the system ROM image while the system is in operation. This design speeds up system operation considerably. The 64 MB used for user-accessible storage are reflected in the memory properties.

Flash ROM is "non-volatile memory". Flash ROM is used to permanently store the system image (i.e., the operating system and CE applications) along with any backup applications and data that you create. There are 128 MB of flash ROM. Approximately 64 MB are used for the system image, while the other 64 MB of ROM are used as an area to store your backup files and applications.

The important thing to remember about the two types of memory is that RAM is volatile. That is, if you perform a cold boot or initialize the system, all data and programs in RAM will be lost. ROM, on the other hand, is not affected by a cold boot or re-initialization. That's why it's a good place to backup your data and applications.

Specifications

Stylistic CT2000 Series CE Tablet Hardware Specifications

The following table provides hardware specifications of the Stylistic CT2000 Series CE Tablet by category.

Stylistic CT2000 Specifications		
Physical Specifications		
Dimensions	8.07" w x 11.4" h x 0.98" d (205 mm x 290 mm x 25 mm)	
Weight	2.20 lbs. (1000 g) (with battery)	
F	Processor Specifications	
CPU	Intel PXA255 processor with Intel XScale Technology (ARMV4I)	
Processor Speed	400 MHz	
Mem	nory/Storage Specifications	
Main RAM	128 MB SDRAM on board: 64 MB used for new application and data storage (as allocated by user by going to Control Panel -> System -> Memory), 64 MB used for loading operating system components.	
Flash ROM	128 MB Flash memory on board: 64 MB used for storing master OS file image, 64 MB used for backing up applications and data (non- volatile)	
	Display Specifications	
XGA LCD	 Type: 10.4" XGA TFT Color Dot Composition: 1024 x 768 Dot Pitch: 0.2055 x 0.2055 mm Active Area: 210.4 x 157.8 mm Colors: 18 bit Backlight: Single CCFL side-light Luminescence: Typ 170 cd/m² Weight: Typ 195g 	
Digitizer	Resistive touch panel with palm rejection technology	
Video Controller	SM501, 8 MB VRAM on board	
Interface Specifications		
Card Slots	PCMCIA: One Type I or Type II, both 3.3V and 5V support Compact Flash Type II (3.3V/ 500mA)	

Stylistic CT2000 Specifications (Continued)		
Audio	AC'97-compliant with internal speaker and microphone Audio jack: 2.5 mm diameter, 3 pole, for external headset	
Integrated Interfaces	Wireless LAN. Mini-PCI. 802.11b/g support. Internal diversity antenna.	
	One USB 1.1, Type A (Due to power constraints, there is a possibility that certain USB 1.1 devices will not operate properly with this port. If your device has its own power adapter, it is recommended that you use it.	
	Proprietary serial barcode scanner port with +5V/500 mA DC power supply. (Note that this is not a standard RS-232 connector with standard connectivity, but requires an adapter or a device with a compatible connector.)	
	Docking connector	
User Controls	 Keypad containing 0-9 keys, Ent, Clr, Bks, and decimal point Power button Four function buttons (F1 - F4) Backlight key Four-way cursor navigation button 	
	Reset button for warm boot	
Status Indicators (LEDs)	One LED to indicate power and charge status (red and green)	
Optional Cradle Interface	Three USB ports: Two type A (for keyboard and mouse) and one type B (for ActiveSync) DC-in	
Power Specifications		
Main Battery	 4-cell Removable, Lithium ion 7.2V @ 4400 mAh Warm-swappable Approximate Recharge Time: 2.5 hours 	

Stylistic C	T2000 Specifications (Continued)
Bridge Battery	Manganese Dioxide Lithium 3.0V, 65 mAh Life (with Suspend-to-RAM on bridge battery only): approximately 10 minutes from full charge
AC Adapter	Autosensing 100 - 240V, 50/60 Hz, supplying 12 VDC, with a current of 2.5 A
	WLAN Module
Туре	Mini PCI type III-A card
Interface	32-bit PCI bus
Standard	IEEE 802.11b/g
	Wi-Fi Alliance
Medium Access Protocol	CSMA/CA with ACK
Frequency Band	2.400 - 2.497 GHz (2.4 GHz ISM band)
Number of Channels	11 channels, 3 non-overlapping channels
Modulation	BPSK, QPSK, OFDM, CCK
Support Rates	1.2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48 54 mbps
Output Power	11.5 dBm +/- 1 dBm @ 54 mbps
Transfer rate	(Automatic switching) 802.11g: 54 Mbps* maximum data rate
	802.11b: 11 Mbps maximum data rate
	*The computer's actual data transfer speed can be much lower depending on a variety of factors, including the Windows CE device capability.
Authentication	WPA-PSK
Security	Network name (SSID) Network key (64 bits/128 bits)* WPA 1.0 compliant; supports TKIP and WEP encryption algorithms.

* Encryption with network key (WEP) is performed using the
above number of bits, however, users can set 40 bits/104 bits
after subtracting the fixed length of 24 bits.

Stylistic CT2000 Specifications (Continued)		
Environmental Specifications		
Temperature	Operating: 32° - 104° F (0° - 40° C) Non-operational: -4° - 140° F (-20° - 60° C)	
Humidity	Operating: 10 - 90% non- condensing Non-operating: 8 - 95% non- condensing	
Agency Approval Specifications		
Emissions	 EN55022 (1998+ Amendment A1 2000 FCC 15, Class B VCCI CLass B 	
Immunity	• EN55024 1998 (CISPR24)	
Safety	 UL 60950 CAN/CSA C22.2 No. 60950 CE Mark: 93/68/EEC Low voltage directive: 72/23/EEC R&TTE Directive: 1999/5/EC (involving WLAN approval) JEIDA (JISC6950) 	
Wireless	 IEEE802.11b/g ARIB STD-T33, T66 (TELEC) R&TTE Directive: 1999/5/EC FCC Part 15.247 Class B IC RSS-210, RS139 	
Additional Specifications		
Operating systems	Microsoft [®] Windows [®] CE .NET, v4.2	

8 Glossary

Glossary

AC adapter

An adapter that provides external power (not battery power) to your Stylistic CT2000 Series CE Tablet.

Access point

A designation of wireless LAN network configurations. It indicates a form of communication using an Access Point. For details, refer to "access point connection" on page 27.

ActiveSync

A component of Windows CE Services that manages data synchronization between your Stylistic CT2000 Series CE Tablet and desktop computer when you are working remotely. You can specify the type of data you want to synchronize.

Ad hoc

A designation for wireless LAN network configuration. It indicates a form of communication limited to those personal computers which have wireless LAN function. For details, refer to "Ad hoc connection" on page 27.

Application Manager

The Windows CE Services feature that enables you to add and remove software on your tablet. In the Mobile Devices window, click Tools and then click Application Manager.

appointment

An entry in Calendar.

attachment

An item included with an e-mail message.

backup file

A duplicate copy of the program data on your Stylistic CT2000 Series CE Tablet. This file does not include settings and information stored in ROM, such as factory-installed software. Use your backup file to return your tablet to its previous state if your system data is damaged or destroyed, or if you have performed a full reset.

baud rate

The speed at which a modem transmits data. This is set at 19200 Kb/sec by default on your tablet.

BPSK

Binary Phase Shift Keying

A type of digital modulation used to transmit data over cable networks.

CCK

Complementary Code Keying

a set of 64 eight-bit code words for encoding 5.5 and 11 Mbps data rates in the 2.4 GHz band. Used for IEEE 802.11b networking.

calibrate

The process that determines how the stylus and touch screen interact. You can calibrate both the screen alignment and the stylus double-tap settings.

Channel

The frequency band of wireless LAN to be used in communications over wireless LAN or at the access point.

command bar

The combination toolbar and menu bar used in Windows CE.

communications port

A serial communications port used to connect equipment, such as mobile devices, modems, and printers.

connection

The ability to interact with another device, computer, or the Internet by means of a serial, Ethernet, or dial-up connection.

data

Information that is stored in any of your Windows CE program files.

desktop computer

A computer running Microsoft Windows to which you connect your Stylistic CT2000 Series CE Tablet.

DHCP (Dynamic Host Configuration Protocol)

A protocol used for automatically fetching communication parameters such as IP addresses. The side which assigns IP address is called DHCP server and the side that is assigned it is called DHCP client.

dial-up connection

A connection between your tablet and a remote computer by means of a modem. You can connect to an ISP, a network, or a modem attached to a PC.

direct connection

A connection between your tablet and another computer by means of a serial cable.

DNS (Domain Name System)

A function that controls the correspondence of IP addresses assigned to a computer with the name. Even

for those computers whose IP addresses are unknown, if their names are known, it is possible to communicate with them.

download

The process of transferring data from your desktop computer to your Stylistic CT2000 Series CE Tablet.

e-mail

Messages and other items that you send and receive with Inbox.

Explorer window

The window that appears when you double-click a device icon in the Mobile Devices window. In the Explorer window, which is part of Windows CE Services, you can view and copy files between your Stylistic CT2000 Series CE Tablet and your desktop computer.

file conversion

The process of converting Windows-compatible files on your desktop computer to Windows CE-compatible files on your tablet, and vice versa.

FCA

Fujitsu Computer Systems Corporation (us.fujitsu.com/computers).

full reset

See reset.

IEEE802.11b

One of the wireless LAN standards prescribed by the 802.11 committee in charge of establishing standards of LAN technology in IEEE (Institute of Electrical and Electronic Engineers). It allows communications at the maximum speed of 11Mbps by a band of 2.4 GHz (ISM band) which can freely be used without radio communication license.

IMAP4

(Internet Message Access Protocol) An e-mail protocol supported by some mail servers. When using IMAP4, the folders you create on your desktop computer or Stylistic CT2000 Series CE Tablet are mirrored on the mail server so that the contents of the folders are available from any computer with access to your mail server.

Inbox synchronization

A feature in Windows CE Services that enables you to synchronize mail between your tablet and desktop computer.

Inbox Transfer

A feature in Microsoft Outlook and Microsoft Exchange that enables you to transfer specific e-mail messages between your tablet and desktop computer.

Internet connection

A communications method used to establish a link between your Stylistic CT2000 Series CE Tablet and a server that provides access to the Internet, typically, an ISP.

Internet service provider (ISP)

A company that provides access to the Internet.

intranet

A network designed for information sharing within a company or organization.

IP address

An address used by computers for communicating in TCP/IP environment. IP addresses have global and private addresses. A global address is a unique address in the world. A private address is a unique address within a closed network.

LAN (Local Area Network)

An environment connecting computers within a relatively small range, such as the same floor and building.

local folder

A folder that is available only from the location in which it was created. In POP3, any folder you create on your tablet is a local folder, and any messages it contains can only be viewed from the Stylistic CT2000 Series CE Tablet.

MAC address (Media Access Control Address)

A physical address inherent to a network card. For Ethernet, the top three bytes are controlled/assigned as a vendor code. The remaining three bytes comprise the code uniquely (to avoid duplication) controlled by each vendor. As a result, there is no Ethernet card with the same physical address in the world. In Ethernet, the frame transmission/reception is performed based on this address.

message header

A line of summary information, such as sender and subject, for an e-mail message.

mobile device

A computer that runs Microsoft Windows CE.

Mobile Devices folder

The folder on the desktop computer that contains the Windows CE Services components.

modem card

See PC Card.

MTU (Maximum Transmission Unit)

The maximum size of data which can be transmitted at one time in networks including the Internet. In an environment whose maximum size of data is too large to correctly receive data, normal communications can be restored by setting the size of MTU to a smaller value.

My Documents folder

The folder that stores files you create on your tablet. You can view the contents of this folder in the Explorer window in Windows CE Services.

Network authentication

The method of authentication performed by wireless LAN clients to connect with the access point. There are two types: open system authentication and shared key authentication. The type of authentication must be set to each client and also coincide with the setting of access point with which to communicate. Network authentication is sometimes called authentication mode.

network connection

A connection between your Stylistic CT2000 Series CE Tablet and a network by means of an Ethernet card inserted into your tablet.

Network key

Data that is used for encrypting data in data communication. The personal computer uses the same network key both for data encryption and decryption, therefore, it is necessary to set the same network key as the other side of communication.

Network name (SSID: Service Set Identifier)

The network name is a unique identifier attached to the WLAN packet header that acts as a password when the client attempts to connect to a WLAN. The SSID differentiates one WLAN from another so all WLAN devices attempting to connect to a specific WLAN must use the same SSID.SSID's are transmitted in cleartext, thus supplying no security to the WLAN.

offline folder

When using IMAP4, a folder that contains messages that are available when working online or offline.

Open system authentication

An 802.11 wireless LAN authentication method. Open System does not exchange any key or other information, it is a simple request by the mobile station to be authenticated without verifying identity.

partnership

The process of establishing a connection between your desktop computer and your Stylistic CT2000 Series CE Tablet for the purpose of synchronizing and transferring data. Your tablet can have partnerships with up to two desktop computers.

PC Card

A removable card, such as modem, Ethernet, or storage card, that conforms to the PCMCIA specification.

PC Link

The program on your tablet that you use to connect and synchronize with your desktop computer when using a serial cable or IR.

POP3

(Post Office Protocol) An e-mail protocol supported by most mail servers.

port settings

The settings used to configure a communications port on a computer.

PPPoE (Point to Point Protocol over Ethernet)

A method of allowing the authentication protocol adopted in telephone line connection (PPP) to be used over an Ethernet.

PPP

(Point-to-Point Protocol) The protocol that your tablet uses to communicate with your Internet service provider's network server.

Protocol

A procedure or rule of delivering data among computers. Ordered data communication is allowed by making all conditions required for communication including the method of data transmission/reception and actions upon communication errors into procedures.

QPSK

Quadriphase Shift Keying

A type of digital modulation used with cable networks to send information from a subscriber to the Internet or Internet provider.

RAM

Random Access Memory

ROM

Read-only Memory

RAS (Remote Access Service) account

A network account that enables your Stylistic CT2000 Series CE Tablet to remotely access your corporate network.

remote connection

A connection between your tablet and a remote computer. You make a remote connection by using a modem or an Ethernet card.

Remote Networking

The Windows CE folder where you establish a dial-up connection between a mobile device and a remote computer.

GLossary

reset

Depending on the state of your Stylistic CT2000 Series CE Tablet, a process that either causes the system to reboot or erases all data stored in RAM.

restore

To return your Stylistic CT2000 Series CE Tablet to the state it was in when it was backed up. This involves copying your backup data to your tablet.

serial cable

A cable to connect your tablet to your desktop computer.

Shared key authentication

An 802.11 wireless LAN authentication method. When a client attempts to associate to an access point, the access point will send a challenge to the client. The client encrypts the challenge with the network key and sends it back to the access point. If the access point can decrypt the challenge, then authentication has succeeded.

slider

The vertical double bar on the command bar used to switch between displaying toolbar buttons and menu names.

SSID (Service Set Identifier)

See "Network name"

stvlus

A pointing device, similar to a pen, used to make selections (tap) and enter information on the touch screen.

Subnet mask

TCP-IP network is controlled by being divided into multiple smaller networks (subnets). IP address consists of the subnet address and the address of each computer. Subnet mask defines how many bits of IP address comprise the subnet address. The same value shall be set among computers communicating with each other.

synchronization

The process of comparing the data on your tablet with the corresponding data on your desktop computer and updating either computer with the most up-to-date data.

synchronization service

A service in Windows CE Services that allows for synchronization of specific items between the Stylistic CT2000 Series CE Tablet and desktop computer. You can synchronize appointments, contacts, tasks, e-mail messages, and files.

TCP/IP

(Transmission Control Protocol/Internet Protocol) The protocol that your Stylistic CT2000 Series CE Tablet uses to communicate remotely.

toolbar

A bar at the top of the screen that contains buttons that perform specific tasks.

touch screen

A touch-sensitive screen on your tablet that can recognize the location of a touch on its surface (typically done by using a stylus) and translate that touch into a desired action (such as making a selection or moving the cursor).

Windows CE Services

The desktop computer program used to synchronize, transfer, and manage data and files between your Stylistic CT2000 Series CE Tablet and desktop computer. You open Windows CE Services by double-clicking the Mobile Devices folder.

Appendix Installing and Using the Software

Installing and Using the CE Tablet Software

INSTALLATION



The instructions contained in this section are designed for implementation by advanced users, administrators, and/or IT personnel.

Preparations for installation

The following preparations are required before programs can be installed in this device.

- Create an installation setup file
 Before programs are installed, definitions for them
 must be created. Define the installation setting
 (Config.hht): files to be installed in this device and
 the operating environment to be automatically set
 for installation.
- 2. Set up cradle (for installation that uses a wireless LAN or ActiveSync with USB)
 - When setup menu has ended after installation of an application, the operating environment designated will be saved in the system information storage area. "Restore processing when memory erased" is a function that enables restoration of the operating environment saved in the system information storage area. For information about restoration, see "Application backup and restoration" on page 56.



- When installing new applications, be sure to store the .hht files and installation files to the root directory.
- Applications installed from the Fujitsu menu are stored in a Flash Disk subdirectory.
- If you do a cold reset, all new applications that have been installed will disappear. If you want to reinstall multiple programs, they must be installed at the same time (i.e., in the same session).

CREATING AN INSTALLATION SETUP FILE

Create an installation setup file with a text editor such as Notepad on the desktop PC.

Initializing installation folders
 Before starting installation, specify any folders that must be initialized.

Format:

[Initialize]

DirectoryName=name-of-folder-to-be-initialized [name-of-folder-to-be-initialized ...]

ENI

Example:

[Initialize]

DirectoryName=\Storage Card1\Temp

ENI

Specify the installation destination and installation source.

Format:

[Install File]

installation-source-file-name=installation-destination-file-name

[installation-source-file-name=installation-destination-file-name]

:

END

- Do not insert any blank characters (space, tab) before or after '='.
- For installation by folder, specify '*.*' as the installation source file name and installation destination file name.
- On the tablet, the StorageCard slot is allocated to the 'Storage Card'1 folder.
- If the installation source file name does not begin with '\', file installation starts on the relative path from the folder containing the installation setup file.

Example:

[Install File]

\Storage Card 1\ HhtApp*.*=\ HhtApp*.*
(Specification using the absolute path)

Libs\MyLib.dll=\Windows \My Lib.DLL (Specification using a relative path)

END



- For installation using wireless LAN, specify the installation destination with a relative path without adding '\' before the installation source folder. Specifying a relative path eliminates the need to specify a shared folder name.
- The setup file in which a relative path is specified can be used for all installations using card/LAN/ActiveSync.

3. Specify the name of the application program to be started in Startup.

A shortcut for the program specified here is created in Startup.

Format:

[StartUp]

FileName=startup-program-file-name [parameter]

END

Be sure to specify the name of the application program to be started in Startup with an installation destination path name.

If the program file name and its path name contain any spaces, specify them enclosed in double quotation marks ("").

Example:

[StartUp]

FileName="\Hht App\HhtApp.Exe"

END



- If a startup application program is specified, a shortcut is created in the "\Windows\startup" folder.
- Only one startup application program can be specified.
- 4. Specify the Cab file that must be extracted on the tablet.

Format:

[WceLoad]CabFile=cab-file-name [cab-file-name...]

END

Example:

[WceLoad]

CabFile="\Storage Card1\HHTApp.CAB"

END

To install more than one application, use the following format:

Example:

[WceLoad]

CabFile="\Storage Card1\HHTApp.CAB", "Storage Card1*.CAB"

Saving the installation setup file

When the installation setup file has been created, save it with file name "Config.hht." The folders in which the setup file can be saved are as follows:

For setup from card media

(See Structure of card media for installation on page 52 for more information.)

Root folder for the card media (for example,

StorageCard1) created for installation

For setup using ActiveSync communication, which uses the cradle.

(See Installing programs using ActiveSync on page 53 for more information.)

Root folder for CAB files when an installation CAB file is created (\Install)

Highest-order folder of copy source folders (for manual copy)

For setup using wireless LAN communication

(See Installing programs using ActiveSync on page 53 for more information.)

Highest-order folder of shared folders for installation (\\Servername\Install)

INSTALLING APPLICATIONS

After creating the setup file, start installation of the applications.

Do a warm reset and hold the [CLR] button down while the system boots up. The Fujitsu setup menu will appear. Tap [Install an application] on the menu to start installation.



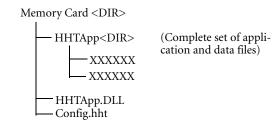
If an application program is installed from StorageCard, the setup file must be stored in the root folder for your installation media. If the setup file is stored in another folder, the location of the setup file must be specified.

Installing programs using a storage card Structure of card media for installation

When an installation setup file is created and saved, copy the application program to the installation media, such as StorageCard.

Copy the application program to the folder coded as the installation source in the installation setup file. An example of creating installation media is shown below.

Example:



Installing the program from a storage card

- 1. Verify that the Fujitsu Setup menu is open
- 2. Tap the [Install an Application] button.
- 3. Check the Storage Card checkbox, then click [Next].
- 4. Enter the name of the folder where you placed the installation file (config.hht) in the Folder box. You can use [Browse] to navigate to the location.
- 5. Tap [Next] to start installation. If the message "Cannot find the server or files" is displayed, make sure that the server name and folder name are correct, then tap the [Retry] button.

Installing programs using ActiveSync

- Installing a program using ActiveSync requires a cradle and USB cable. Connect the cradle to the desktop PC with the USB cable.
- 2. Power up the CT2000 CE Tablet and place it on the cradle.
- If you receive a message on your desktop asking if you want to set up a partnership, click [No], then [Next].
- 4. Verify that the Fujitsu Setup menu is open on the
- 5. Tap the [Install an Application] button.
- 6. Check Active Sync (USB) box, then click [Next].
- 7. In the Select Connection box, verify that USB Default is selected.
- 8. In the ActiveSync window on the desktop computer, select Explore. Create a new folder and name the folder "Install".
- 9. Place the config.hht file and the application files in the Install folder (See Creating an installation setup file on page 51 for more information.).
- 10. Copy the files from the desktop PC to the tablet.
- 11. After copying the files, tap the [Disconnect] button on the CT2000 CE Tablet.
- 12. Open the Install folder on the tablet and choose the "config.hht" file to install it.

When the CT2000 CE Tablet is connected to the desktop PC with ActiveSync, do not turn off the tablet power. If power is turned off, ActiveSync on the desktop PC side may not terminate normally. If termination is not normal, remove the tablet from the cradle, make sure that ActiveSync on the desktop PC side has terminated normally, and then reconnect the CT2000 CE Tablet to the desktop PC.

Repeatedly docking and undocking the tablet may also make the desktop PC unstable. Do not connect then disconnect this device within a short period of time.

Installing an application via WLAN

If a wireless LAN is used between the CT2000 CE Tablet and the desktop PC, the application can be installed using the wireless LAN.



Prior to attempting to install an application via WLAN, ensure that you have created an "Install" folder on the desktop computer, and that it is used as the repository for all config.hht, application, and CAB files.

- 1. Double-tap the "Network and Dial-up Connections" icon.
- 2. Single-tap the "PCI-PRISM1" icon.
- Tap the File menu and select Enable from the pull down menu.
- 4. Double-tap the PCI PRISM1 icon. The Settings window will open.
- 5. Verify that the information in the window is correct and complete. If it is not, fill in the information.
- 6. Tap [OK] to close the window.
- Close the Control Panel and return to the Fujitsu Setup menu.
- 8. Tap the [Install an Application] button.
- 9. Check the Wireless LAN checkbox, then click [Next].
- If you would like to verify your WLAN settings, click the [Network Properties...] button, otherwise, click [Next].
- 11. The name of your tablet should appear in the Device Name box. If it doesn't enter it.



In the following step, in order to determine the server name, right-click My Computer on the desktop computer and select Properties. Click the Computer Name tab to see the computer name.

- 12. Enter the name of the server (i.e., the name of the computer from which you are installing the application) in the Server box. Be sure to enter a double-backslash ("\\") before the server name. You can use the [Browse] button to navigate to the location.
- 13. Enter the name of the folder where you placed the installation file (config.hht) in the Folder box on the desktop computer.
- 14. Tap [Next] to start installation. If the message "Cannot find the server or files" is displayed, make sure that the server name and folder name are correct, then tap the [Retry] button.

DEVICE PROPERTIES

Initializing the Tablet

- Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [Device Property] button, then select the Initialize tab.
- Check whether you want to initialize all settings or only selected items (Flash Disk or RAM).
- 4. Press the [Initialize] button. When initialization starts, a message appears asking if you want to proceed. Tap the [Yes] button to perform initialization. A screen indicating the progress of initialization is displayed during initialization.

If initialization is done with "Initialize all setting" or "RAM" specified, power is automatically turned off after initialization. Restarting the tablet returns the CT2000 CE Tablet to its factory setting. However, if an application has already been installed, restoration automatically starts when you initialize only RAM.

Backup and Restore

This item describes how to save and restore the current registry.

- Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [Device Property] button, then select the Registry tab.
- 3. Press the [Select Backup or Restore] button. To save the registry, select the [Backup] tab. To restore the registry, select the [Restore] tab.
- 4. Enter the name of the file to be saved or restored. Tapping the [Browse] button opens a dialog box for selecting a file for [File name].
- 5. Tapping the [x] button cancels the process and opens to the Properties dialog box. Tapping the [OK] button executes saving or restoration. When the processing is complete, the Properties dialog box reappears.

Setting the system font

This item describes how to change the system font used by the CT2000 CE Tablet.

 Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).

- 2. Tap the [Device Property] button, then select the Font tab.
- 3. Make any changes to the font that you wish, then tap the [OK] button to register the font changes.



If the system font is changed, the font used by the system is changed. Normal operation could be disabled (for example, the display position is skewed), depending on the specified font. This setting takes effect after restart.

Setting the restoration process

This item describes how to skip certain items in the restoration process.

- Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [Device Property] button, then select the Restoration tab.
- Select whether you want to skip touch panel calibration and/or date and time entry whenever you restore the system.
- 4. Tap the [OK] button to register the restoration changes.

REGISTRY EDITOR

The CT2000 CE Tablet includes a function for editing the registry; however, the following restrictions apply to this device's registry editor:

Accessing the registry

- 1. Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [Registry Editor] button. The Registry information window opens.
- 3. Navigate to the registry value you want to change. This may require opening several sub-folder until you get to the desired values. When you reach the registry value level, they will appear in the lower pane of the window.

Creating a registry key

The registry editor can be used to create a new registry key.

- Select where you want to create the key (main key) in the upper pane, and tap the New Key icon (it looks like a folder) at the top of the window.
- 2. Enter the name of the registry key you want to create, then tap the [OK] button to create the key.

Creating a registry value

The registry editor can be used to create a new registry value.

- Select the key for which a value is to be created in the upper pane and tap the [New Value] icon (it looks like a checkbox) on the menu bar.
- 2. Enter the name and content of the value to be created.
- 3. Select the format of the value to be created.
- 4. Tap the [OK] button to create the new value.

Exporting and importing registry information

This registry editor provides a function for exporting the registry information for the selected registry key to a file and a function for fetching the registry information from the registry file.

Exporting

- 1. Select the key whose information you want to export in the upper pane.
- Select [File] -> [Export] on the menu bar.
 A dialog box for writing the file name opens.
 Specify the name of the destination file and the name of the destination folder.
- 3. A message requesting confirmation appears. Tap the [Yes] button. The information for the specified registry key is written to the file.

Importing

- 1. Select [File] -> [Import] on the menu bar.
- 2. A box for specifying the file name appears. Select the file to be imported.
- 3. Import the specified file to the current registry.

Deleting a registry key or value

The registry editor can be used to delete a registry key or value.

- 1. First select the key or value to be deleted.
- 2. Tap the [Delete] button on the menu bar. A message requesting confirmation appears.
- 3. Tap [Yes] to delete the registry key or value.

FILE MANAGER

The CT2000 CE Tablet Explorer enables files to be copied, deleted or the like.

Referencing a file and folder

- 1. Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [File Manager] button.
- 3. Double-tap the folder name in the file list to switch the list to the contents of that folder.

Copying files and folders

The CT2000 CE Tablet Explorer enables selected files and folders to be copied to the current file list in the other pane.

 Select the files and folders to be copied from the file list in one pane to the other pane then tap the [Copy] button on the menu bar. The selected files and folders are copied to the other pane. If a folder is selected for copying, all files and folders in that folder are copied.

If the copy destination contains a file having the same name, a dialog box appears asking you to confirm the file replacement.

Deleting files and folders

Explorer menu can delete selected files and folders.

Select a file or folder from the file list and tap the delete button on the menu bar.

Tap the [Yes] button to delete the specified file or folder. Tap the [No] button to cancel the deletion.

Creating a folder

The CT2000 CE Tablet allows you to create a new folder at the current location in the selected file list.

- Open the location where you want to create the new folder, then tap the [Create Folders] button on the menu bar.
- 2. Enter the name of the folder to be created, then tap [Yes] to create the folder.

Other functions

The File Manager also supports the following functions:

Displaying file properties

Select [File] -> [Properties] on the menu bar.

Displaying available space

Select [File] -> [Free Space] on the menu bar.



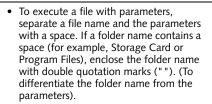
- Do not use the File manager to delete installed files. If a file is deleted, no application program may operate and may be able to be saved.
- The files on the device copied using the File manager are not files that are saved together with application programs.

RUN A PROGRAM

A file can be executed by specifying its name in setting menu.

1. Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).

- 2. Tap the [Run a program] button.
- 3. Enter the file name of the file to be executed. You can also navigate to the file using the [Browse] button.
- 4. Tap the [OK] button to execute the specified file.





 The setting menu is designed to install application programs and/or set environments. As such, it has no desktop, task bar, or task tray. Some programs may not be able to start normally depending on the program specification

ENTERING DESKTOP

CT2000 CE Tablet has a Desktop function. Desktop mode enables you to operate the tablet without installing an application program.

- Open the Fujitsu setup menu by holding the [CLR] button while warm-booting the system (i.e., pressing the small recessed reset button on the back of the system).
- 2. Tap the [Desktop] button. You will be asked if you want to enter Desktop.
- 3. If you tap [Yes], the system will be set to debug mode and is automatically restarted.

Setting debug mode sets the following states:



- Display of desktop only (nothing is started)
- Display of the task bar in the foreground.

Release debug mode by starting the setting menu and performing initialization.

APPLICATION BACKUP AND RESTORATION

If memory has been erased

CT2000 CE Tablet is designed so that it normally operates with battery power. Since that is the case, memory can be erased due to a dead battery.

Memory is generally backed up with a backup battery even if the main battery is dead. However, if the device is left in this condition, power can be lost and memory is erased. When memory has been erased after installing an application, a dialog appears notifying you that the contents of memory has been lost.

This device supports an automatic restore function for programs to guard against erasing memory (RAM) caused by a dead battery or another reason.

Applications must have already been installed according to the standard installation procedure. For more information about the standard installation procedure, see (See Installation on page 51 for more information.)



The following are not restored when the Restore tool is used:

Applications and data copied into the object store using a method other than the ordinary installation procedure.

Start of restoration

When an application program has been installed with the ordinary procedure, it can be automatically restored as follows:

- 1. Confirming erasing of memory:
 - If memory has been erased, a screen appears informing you.
 - Tap [Restore] button on display. Touch panel calibration starts.
- 2. Calibrating the touch panel:
 - When touch panel correction has started, tap the center of the target (+) with the stylus according to the instructions on the screen.
 - When the touch panel has been calibrated, the date and time properties dialog box appears.
- 3. Setting the date and time:
 - If memory has been erased, date and time setting is returned to the default setting.
 - Set the current date and time.
 - When the date and time have been set, the restore tool starts.
- 4. Starting restoration:
 - Automatic restoration for the application program and operating environment is executed
- 5. Completing restoration:
 - When application has been restored, the this device is automatically restarted.
 - After restart, the application program is started as the startup application.

TERMINAL SERVICE SETTING



- Prior to using the Remote Desktop Protocol, you must first configure the Terminal Service Settings which can be accessed by double-clicking on the Terminal Service Setting icon in the Control Panel.
- If the server is not configured, the system will suspend.

Double tapping the "Terminal service setting" icon in the system control panel opens the Terminal Service Setting Properties window.

When the window opens, verify that the settings are correct, or enter the correct information.



"Logon settings", "Remote computer sound", "Local devices", "Reconnect if connection is dropped" are supported only by Windows 2003 server.

Using only the Backup Server, "Enable settings for the backup server" check box is displayed. If there is no check mark in this box, all controls for this server are greyed out.

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